

# DMX CHART



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## Virtual Color Wheel

### Color Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 013	<b>C3050 - Md Yellow</b>	246	195	028	176	212
014 ⇄ 021	<b>C3040 - Lt Yellow</b>	251	175	043	203	203
022 ⇄ 028	<b>C3240 - Amb Yellow</b>	227	185	002	235	191
029 ⇄ 035	<b>C2340 - VLt Amber</b>	255	143	064	085	175
036 ⇄ 043	<b>C2040 - Lt Amber</b>	255	169	063	219	070
044 ⇄ 051	<b>C2050 - Md Amber</b>	255	162	006	244	136
052 ⇄ 059	<b>C2060 - Dk Amber</b>	250	126	031	243	119
060 ⇄ 067	<b>C1050 - Lt Red</b>	255	080	038	050	029
068 ⇄ 075	<b>C1080 - Md Red</b>	215	005	033	002	002
076 ⇄ 083	<b>C1020 - NC Pink</b>	255	129	105	250	222
084 ⇄ 091	<b>C1030 - Md Pink</b>	255	064	104	217	238
092 ⇄ 099	<b>C1630 - Dk Pink</b>	255	068	106	245	252
100 ⇄ 107	<b>C1250 - Md Red Amber</b>	255	049	046	164	108
108 ⇄ 115	<b>C1060 - Dk Red Amber</b>	255	015	058	167	000
116 ⇄ 121	<b>C1650 - Magenta</b>	255	020	105	255	132
122 ⇄ 130	<b>C6170 - Dk Magenta</b>	255	000	106	009	101
131 ⇄ 138	<b>C6020 - Lt Lavender</b>	255	202	117	017	227
139 ⇄ 146	<b>C5030 - Lt Blue</b>	177	255	169	219	230
147 ⇄ 154	<b>C5020 - VLt Blue</b>	190	225	152	238	235
155 ⇄ 162	<b>C5430 - Lt Blue 2</b>	101	255	153	218	137
163 ⇄ 170	<b>C5070 - Blue</b>	048	175	155	000	124
171 ⇄ 178	<b>C5050 - Md Blue</b>	127	187	138	081	136
179 ⇄ 186	<b>C5060 - Dk Blue</b>	082	217	218	154	219
187 ⇄ 194	<b>C5690 - Indigo</b>	100	000	160	000	000
195 ⇄ 202	<b>C5080 - VDk Blue</b>	055	150	150	000	020
203 ⇄ 210	<b>C5081 - VDk Blue 2</b>	015	100	092	035	030
211 ⇄ 218	<b>C4370 - Yel Green</b>	020	123	025	049	051
219 ⇄ 226	<b>C4070 - Green</b>	047	094	032	043	039
227 ⇄ 234	<b>C4550 - Turquoise</b>	091	180	084	123	175
235 ⇄ 242	<b>C4560 - Aqua</b>	063	147	075	094	133
243 ⇄ 250	<b>C4570 - Blue Green</b>	043	170	073	043	087
251 ⇄ 255	--	000	000	000	000	000

### Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 025	<b>2800K</b>	185	160	90	248	180
026 ⇄ 050	<b>3200K</b>	190	180	102	148	180
051 ⇄ 075	<b>3500K</b>	200	194	111	249	180
076 ⇄ 100	<b>4000K</b>	195	204	122	249	180
101 ⇄ 125	<b>4500K</b>	195	212	132	249	187
126 ⇄ 150	<b>5000K</b>	195	219	140	249	187
151 ⇄ 175	<b>5600K</b>	200	229	148	251	181
176 ⇄ 200	<b>6000K</b>	181	230	152	252	182
201 ⇄ 225	<b>6500K</b>	180	233	157	252	182
226 ⇄ 255	--	000	000	000	000	000

## DMX Values

### 2-Cell Personalities

RGBAL Full 31 CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red 1	000 ⇄ 255	0-100%
	4	Red Fine 1	000 ⇄ 255	0-100%
	5	Green 1	000 ⇄ 255	0-100%

**RGBAL  
Full 31 CH**

Channel	Function	Value	Percent/Setting
6	Green Fine 1	000 ⇄ 255	0-100%
7	Blue 1	000 ⇄ 255	0-100%
8	Blue Fine 1	000 ⇄ 255	0-100%
9	Amber 1	000 ⇄ 255	0-100%
10	Amber Fine 1	000 ⇄ 255	0-100%
11	Lime 1	000 ⇄ 255	0-100%
12	Lime Fine 1	000 ⇄ 255	0-100%
13	Virtual Color Wheel 1	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
14	Color Temperature 1	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
15	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
16	Red 2	000 ⇄ 255	0-100%
17	Red Fine 2	000 ⇄ 255	0-100%
18	Green 2	000 ⇄ 255	0-100%
19	Green Fine 2	000 ⇄ 255	0-100%
20	Blue 2	000 ⇄ 255	0-100%
21	Blue Fine 2	000 ⇄ 255	0-100%
22	Amber 2	000 ⇄ 255	0-100%
23	Amber Fine 2	000 ⇄ 255	0-100%
24	Lime 2	000 ⇄ 255	0-100%
25	Lime Fine 2	000 ⇄ 255	0-100%
26	Virtual Color Wheel 2	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
27	Color Temperature 2	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
28	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
29	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
30	Color Macros	000 ⇄ 015 016 ⇄ 255	No function Color macros
31	Dimmer Speed	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode 1 (fastest) Dimmer speed mode 2 Dimmer speed mode 3 (slowest)

**RGBAL  
Fine 20CH**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0-100%
2	Red Fine 1	000 ⇄ 255	0-100%
3	Green 1	000 ⇄ 255	0-100%
4	Green Fine 1	000 ⇄ 255	0-100%
5	Blue 1	000 ⇄ 255	0-100%
6	Blue Fine 1	000 ⇄ 255	0-100%
7	Amber 1	000 ⇄ 255	0-100%
8	Amber Fine 1	000 ⇄ 255	0-100%
9	Lime 1	000 ⇄ 255	0-100%
10	Lime Fine 1	000 ⇄ 255	0-100%
11	Red 2	000 ⇄ 255	0-100%
12	Red Fine 2	000 ⇄ 255	0-100%
13	Green 2	000 ⇄ 255	0-100%
14	Green Fine 2	000 ⇄ 255	0-100%
15	Blue 2	000 ⇄ 255	0-100%
16	Blue Fine 2	000 ⇄ 255	0-100%

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RGBAL Fine 20CH	Channel	Function	Value	Percent/Setting
	17	Amber 2	000 ⇄ 255	0–100%
	18	Amber Fine 2	000 ⇄ 255	0–100%
	19	Lime 2	000 ⇄ 255	0–100%
	20	Lime Fine 2	000 ⇄ 255	0–100%

  

RGBAL EXT 19CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0–100%
	2	Dimmer Fine	000 ⇄ 255	0–100%
	3	Red 1	000 ⇄ 255	0–100%
	4	Green 1	000 ⇄ 255	0–100%
	5	Blue 1	000 ⇄ 255	0–100%
	6	Amber 1	000 ⇄ 255	0–100%
	7	Lime 1	000 ⇄ 255	0–100%
	8	Virtual Color Wheel 1	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	9	Color Temperature 1	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	10	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	11	Red 2	000 ⇄ 255	0–100%
	12	Green 2	000 ⇄ 255	0–100%
	13	Blue 2	000 ⇄ 255	0–100%
	14	Amber 2	000 ⇄ 255	0–100%
	15	Lime 2	000 ⇄ 255	0–100%
	16	Virtual Color Wheel 2	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	17	Color Temperature 2	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	18	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	19	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

  

RGBAEXT 17CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red 1	000 ⇄ 255	0-100%
	4	Green 1	000 ⇄ 255	0-100%
	5	Blue 1	000 ⇄ 255	0-100%
	6	Amber 1	000 ⇄ 255	0-100%
	7	Virtual Color Wheel 1	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	8	Color Temperature 1	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	9	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	10	Red 2	000 ⇄ 255	0-100%
	11	Green 2	000 ⇄ 255	0-100%
	12	Blue 2	000 ⇄ 255	0-100%
	13	Amber 2	000 ⇄ 255	0-100%
	14	Virtual Color Wheel 2	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	15	Color Temperature 2	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values

RGBA EXT 17CH	Channel	Function	Value	Percent/Setting
	16	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	17	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
RGB EXT 15 CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red 1	000 ⇄ 255	0-100%
	4	Green 1	000 ⇄ 255	0-100%
	5	Blue 1	000 ⇄ 255	0-100%
	6	Virtual Color Wheel 1	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	7	Color Temperature 1	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	8	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	9	Red 2	000 ⇄ 255	0-100%
	10	Green 2	000 ⇄ 255	0-100%
	11	Blue 2	000 ⇄ 255	0-100%
	12	Virtual Color Wheel 2	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	13	Color Temperature 2	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	14	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	15	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
RGBAL 10 CH	Channel	Function	Value	Percent/Setting
	1	Red 1	000 ⇄ 255	0-100%
	2	Green 1	000 ⇄ 255	0-100%
	3	Blue 1	000 ⇄ 255	0-100%
	4	Amber 1	000 ⇄ 255	0-100%
	5	Lime 1	000 ⇄ 255	0-100%
	6	Red 2	000 ⇄ 255	0-100%
	7	Green 2	000 ⇄ 255	0-100%
	8	Blue 2	000 ⇄ 255	0-100%
	9	Amber 2	000 ⇄ 255	0-100%
	10	Lime 2	000 ⇄ 255	0-100%
RGBA 8CH	Channel	Function	Value	Percent/Setting
	1	Red 1	000 ⇄ 255	0-100%
	2	Green 1	000 ⇄ 255	0-100%
	3	Blue 1	000 ⇄ 255	0-100%
	4	Amber 1	000 ⇄ 255	0-100%
	5	Red 2	000 ⇄ 255	0-100%
	6	Green 2	000 ⇄ 255	0-100%
	7	Blue 2	000 ⇄ 255	0-100%
	8	Amber 2	000 ⇄ 255	0-100%
RGB 6CH	Channel	Function	Value	Percent/Setting
	1	Red 1	000 ⇄ 255	0-100%
	2	Green 1	000 ⇄ 255	0-100%

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RGB 6CH	Channel	Function	Value	Percent/Setting
	3	Blue 1	000 ⇄ 255	0-100%
	4	Red 2	000 ⇄ 255	0-100%
	5	Green 2	000 ⇄ 255	0-100%
	6	Blue 2	000 ⇄ 255	0-100%

## 1-Cell Personalities

RGBAL FULL 17CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red	000 ⇄ 255	0-100%
	4	Red Fine	000 ⇄ 255	0-100%
	5	Green	000 ⇄ 255	0-100%
	6	Green Fine	000 ⇄ 255	0-100%
	7	Blue	000 ⇄ 255	0-100%
	8	Blue Fine	000 ⇄ 255	0-100%
	9	Amber	000 ⇄ 255	0-100%
	10	Amber Fine	000 ⇄ 255	0-100%
	11	Lime	000 ⇄ 255	0-100%
	12	Lime Fine	000 ⇄ 255	0-100%
	13	Virtual Color Wheel 1	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	14	Color Temperature 1	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	15	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
	16	Color Macros	000 ⇄ 015 016 ⇄ 255	No function Color macros
	17	Dimmer Speed	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode 1 (fastest) Dimmer speed mode 2 Dimmer speed mode 3 (slowest)

RGBAL Fine 10CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇄ 255	0-100%
	2	Red Fine	000 ⇄ 255	0-100%
	3	Green	000 ⇄ 255	0-100%
	4	Green Fine	000 ⇄ 255	0-100%
	5	Blue	000 ⇄ 255	0-100%
	6	Blue Fine	000 ⇄ 255	0-100%
	7	Amber	000 ⇄ 255	0-100%
	8	Amber Fine	000 ⇄ 255	0-100%
	9	Lime	000 ⇄ 255	0-100%
	10	Lime Fine	000 ⇄ 255	0-100%

RGBAL EXT 10CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Dimmer Fine	000 ⇄ 255	0-100%
	3	Red	000 ⇄ 255	0-100%
	4	Green	000 ⇄ 255	0-100%
	5	Blue	000 ⇄ 255	0-100%
	6	Amber	000 ⇄ 255	0-100%
	7	Lime	000 ⇄ 255	0-100%

RGBAL EXT 10CH	Channel	Function	Value	Percent/Setting
	8	Virtual Color Wheel	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	9	Color Temperature	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	10	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
RGBA EXT 9CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red	000 ⇄ 255	0-100%
	4	Green	000 ⇄ 255	0-100%
	5	Blue	000 ⇄ 255	0-100%
	6	Amber	000 ⇄ 255	0-100%
	7	Virtual Color Wheel	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	8	Color Temperature	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	9	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
RGB EXT 8CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	0-100%
	3	Red	000 ⇄ 255	0-100%
	4	Green	000 ⇄ 255	0-100%
	5	Blue	000 ⇄ 255	0-100%
	6	Virtual Color Wheel	000 ⇄ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	7	Color Temperature	000 ⇄ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values
	8	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
RGBAL 5CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇄ 255	0-100%
	2	Green	000 ⇄ 255	0-100%
	3	Blue	000 ⇄ 255	0-100%
	4	Amber	000 ⇄ 255	0-100%
	5	Lime	000 ⇄ 255	0-100%
RGBA 4CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇄ 255	0-100%
	2	Green	000 ⇄ 255	0-100%
	3	Blue	000 ⇄ 255	0-100%
	4	Amber	000 ⇄ 255	0-100%
RGB 3CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇄ 255	0-100%
	2	Green	000 ⇄ 255	0-100%
	3	Blue	000 ⇄ 255	0-100%

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DMX-VCW-CCT 3CH	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0-100%
	2	Virtual Color Wheel	000 ⇔ 255	Refer to the <a href="#">Color Chart</a> section for specific values
	3	Color Temperature	000 ⇔ 255	Refer to the <a href="#">Color Temperature Chart</a> section for specific values