Converting Colors

RGB(128, 210, 209)

Have a look what the booklet for RGB(128, 210, 209) contains.

Color

RGB(128, 210, 209)

Conversions

Conversions Part 1

Format	Color
Hex	80D2D1
RGB	128, 210, 209
RGB Percent	50%, 82%, 82%
CMY	0.4980, 0.1765, 0.1804
CMYK	0.39, 0.00, 0.00, 0.18
HSL	179°, 48%, 66%
HSV	179°, 39%, 82%
XYZ	43.4573, 55.2858, 68.7024
YIQ	185.3680, -48.5510, -17.6950

Conversions

Conversions Part 2

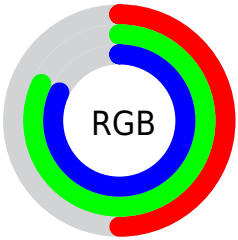
Format	Color
RYB	128, 169, 210
Decimal	8442577
CIELab	79.21, -25.18, -7.39
CIELCh	79, 26.239, 196.365
Yxy	55.2858, 0.2595, 0.3302
Android (android.graphics.Color)	4286632657 (0xFF80D2D1)
YUV	185.3680, 11.6506, -50.3117
Hunter-Lab	74.3544, -25.7939, -2.7350

Details

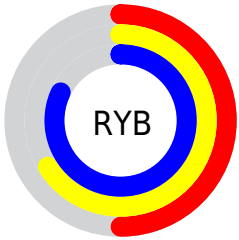
The RGB color 128, 210, 209 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 210, 128, 129, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 184, 255, 255, and 72, 155, 155 is the 20% darker color. If you saturate the color by 10%, you get 107, 210, 209, and if you desaturate by 10%, it is 149, 210, 209.

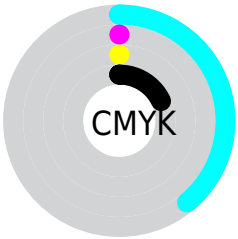
Distribution



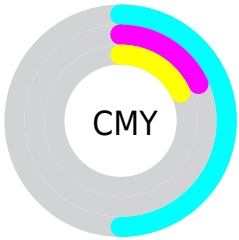
- Red (50%)
- Green (82%)
- Blue (82%)



- Red (50%)
- Yellow (66%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 210, 209 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 128, 210, 209 by changing the saturation by 10% instead.

128, 210, 209

255, 255, 255

184, 255, 255

213, 255, 255

243, 255, 255

128, 210, 209

100, 182, 181

72, 155, 155

42, 129, 129

0, 104, 104

0, 79, 80

0, 56, 57

0, 35, 35

0, 1, 14

0, 0, 0

128, 210, 209	128, 210, 209
107, 210, 209	149, 210, 209
86, 210, 208	170, 210, 210
65, 210, 208	191, 210, 210
44, 210, 208	212, 210, 210
23, 210, 208	233, 210, 210
2, 210, 207	254, 210, 211
0, 210, 207	255, 210, 211
	255, 210, 211
	255, 210, 211

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

146, 209, 184

128, 210, 209

129, 207, 231

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

128, 210, 209

216, 186, 230

225, 191, 149

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

128, 210, 209

210, 128, 129

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

241, 183, 162

128, 210, 209

238, 180, 208

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

128, 210, 209

185, 194, 243

246, 179, 183

200, 199, 149

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

128, 210, 209

143, 204, 240

246, 179, 183

231, 188, 152

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

128, 210, 209

224, 255, 255

129, 210, 128

110, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

128, 210, 209

135, 255, 254

128, 170, 210

94, 105, 104

0, 168, 166

0, 41, 40

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

210, 128, 129

255, 135, 137

210, 168, 128

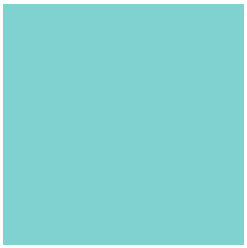
105, 94, 94

168, 0, 2

41, 0, 0

Previews

White Background

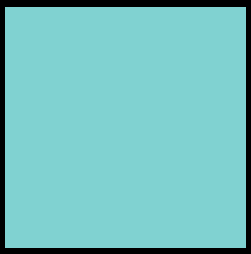


This preview shows how the RGB color 128, 210, 209 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



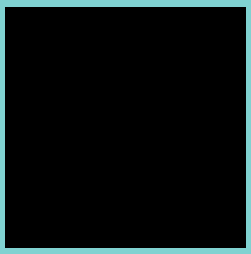
This preview shows how the RGB color 128, 210, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 128, 210, 209 Background



This preview shows how black text looks on a background with the RGB color 128, 210, 209.

This preview shows how white text looks on a background with the RGB color 128, 210, 209.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

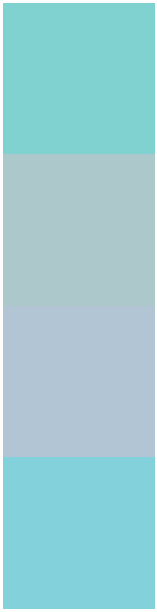
Original Color
128, 210, 209

Protanopia
197, 194, 200

Deuteranopia
206, 190, 213

Tritanopia
132, 208, 224

Trichromacy



Original Color
128, 210, 209

Protanomaly
172, 200, 203

Deuteranomaly
178, 197, 212

Tritanomaly
131, 209, 219

Monochromacy

Original Color
128, 210, 209

Achromatopsia
185, 185, 185

Achromatomaly
164, 194, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 210, 209 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(128, 210, 209) looks like.

```
.text, #text, p{
    color:rgb(128, 210, 209)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(128, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 210, 209) }
```

Border

The CSS property to change the border of an element to RGB 128, 210, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 210, 209) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(128, 210, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(128, 210, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 210, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 210, 209); box-shadow:4px 4px 4px 4px rgb(128, 210, 209) }
```

Background

The CSS property to change the background color of an element to RGB 128, 210, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 210, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(128,
210, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor