Converting Colors

RGB(138, 205, 210)

Have a look what the booklet for RGB(138, 205, 210) contains.

Color

RGB(138, 205, 210)

Conversions

Conversions Part 1

Format	Color
Hex	8ACDD2
RGB	138, 205, 210
RGB Percent	54%, 80%, 82%
CMY	0.4588, 0.1961, 0.1765
CMYK	0.34, 0.02, 0.00, 0.18
HSL	184°, 44%, 68%
HSV	184°, 34%, 82%
XYZ	43.9454, 53.7191, 69.0254
YIQ	185.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

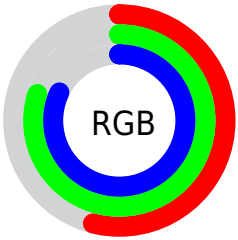
Format	Color
RYB	138, 173, 210
Decimal	9096658
CIELab	78.30, -19.83, -9.23
CIELCh	78, 21.868, 204.958
Yxy	53.7191, 0.2636, 0.3223
Android (android.graphics.Color)	4287286738 (0xFF8ACDD2)
YUV	185.5370, 12.0603, -41.6899
Hunter-Lab	73.2933, -21.2377, -4.5322

Details

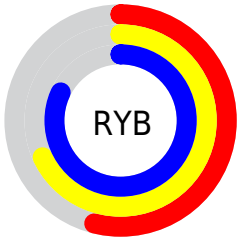
The RGB color 138, 205, 210 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 210, 143, 138, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 194, 255, 255, and 84, 151, 156 is the 20% darker color. If you saturate the color by 10%, you get 117, 204, 210, and if you desaturate by 10%, it is 159, 206, 210.

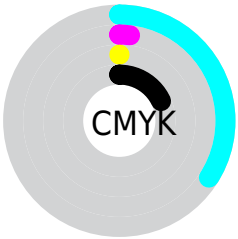
Distribution



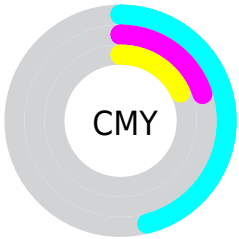
- Red (54%)
- Green (80%)
- Blue (82%)



- Red (54%)
- Yellow (68%)
- Blue (82%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 205, 210 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 138, 205, 210 by changing the saturation by 10% instead.

138, 205, 210

255, 255, 255

194, 255, 255

223, 255, 255

252, 255, 255

138, 205, 210

111, 177, 182

84, 151, 156

57, 125, 130

27, 100, 104

0, 75, 80

0, 52, 57

0, 32, 36

0, 1, 15

0, 0, 0

138, 205, 210	138, 205, 210
117, 204, 210	159, 206, 210
96, 202, 210	180, 208, 210
75, 201, 210	201, 209, 210
54, 199, 210	222, 211, 210
33, 198, 210	243, 212, 210
12, 196, 210	255, 214, 210
0, 195, 210	255, 215, 210
	255, 217, 210
	255, 218, 210

Harmonies

Analogous

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

148, 205, 189

138, 205, 210

145, 202, 226

Triad

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

138, 205, 210

217, 183, 217

213, 191, 153

Complementary

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

138, 205, 210

210, 143, 138

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.

229, 185, 161

138, 205, 210

232, 180, 198

Square

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

138, 205, 210

193, 190, 230

236, 180, 177

191, 198, 157

Rectangle

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

138, 205, 210

158, 199, 232

236, 180, 177

219, 189, 155

Sweetspot

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

138, 205, 210

230, 253, 255

138, 210, 143

112, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

138, 205, 210

150, 248, 255

138, 169, 210

94, 104, 105

0, 157, 168

0, 38, 41

Inverse Universe

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

210, 138, 205

255, 150, 248

210, 179, 138

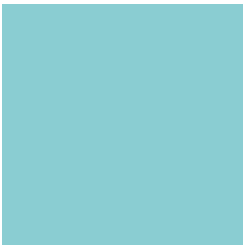
105, 94, 104

168, 0, 157

41, 0, 38

Previews

White Background

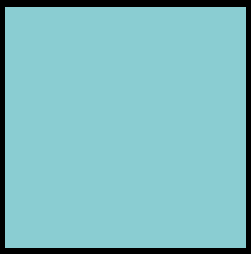


This preview shows how the RGB color 138, 205, 210 looks on a white background.

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



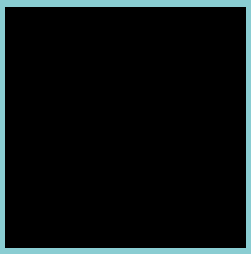
This preview shows how the RGB color 138, 205, 210 looks on a black background.

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 138, 205, 210 Background



This preview shows how black text looks on a background with the RGB color 138, 205, 210.

This preview shows how white text looks on a background with the RGB color 138, 205, 210.

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

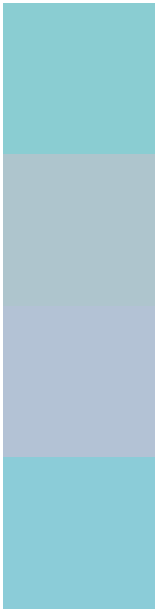
Original Color
138, 205, 210

Protanopia
194, 192, 202

Deuteranopia
202, 188, 214

Tritanopia
140, 203, 220

Trichromacy



Original Color
138, 205, 210

Protanomaly
174, 197, 205

Deuteranomaly
179, 194, 213

Tritanomaly
139, 204, 216

Monochromacy

Original Color
138, 205, 210

Achromatopsia
186, 186, 186

Achromatomaly
169, 193, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 205, 210 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(138, 205, 210) looks like.

```
.text, #text, p{
    color:rgb(138, 205, 210)
}
```

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(138, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 205, 210) }
```

Border

The CSS property to change the border of an element to RGB 138, 205, 210 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(138, 205, 210) }
```

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

```
.border{ border-color:rgb(138, 205, 210) }
```

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

Here you see how a box with a 4 pixel rgb(138, 205, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 205, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 205, 210); box-shadow:4px 4px 4px 4px rgb(138, 205, 210) }
```

Background

The CSS property to change the background color of an element to RGB 138, 205, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(138, 205, 210) }
```

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

```
.background{ background-color:rgb(138,
205, 210) }
```

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.

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