

Converting Colors

RGB(128, 218, 214)

Have a look what the booklet for
RGB(128, 218, 214) contains.

RGB(128, 218, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(128, 218, 214)

Conversions

Conversions Part 1

Format	Color
Hex	80DAD6
RGB	128, 218, 214
RGB Percent	50%, 85%, 84%
CMY	0.4980, 0.1451, 0.1608
CMYK	0.41, 0.00, 0.02, 0.15
HSL	177°, 55%, 68%
HSV	177°, 41%, 85%
XYZ	46.1111, 59.5870, 72.6895
YIQ	190.6340, -52.3560, -20.3240

Conversions

Conversions Part 2

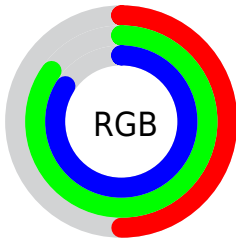
Format	Color
R _{YB}	128, 174, 218
Decimal	8444630
CIE Lab	81.61, -27.87, -6.50
CIE LCh	82, 28.615, 193.126
Yxy	59.5870, 0.2585, 0.3340
Android (android.graphics.Color)	4286634710 (0xFF80DAD6)
YUV	190.6340, 11.5194, -54.9300
Hunter-Lab	77.1926, -28.4600, -1.7964

Details

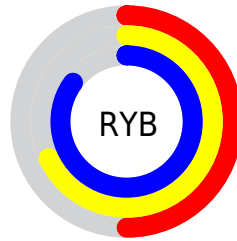
The RGB color **128, 218, 214** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **218, 128, 132**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **185, 255, 255**, and **71, 163, 159** is the 20% darker color. If you saturate the color by 10%, you get **106, 218, 213**, and if you desaturate by 10%, it is **150, 218, 215**.

Distribution



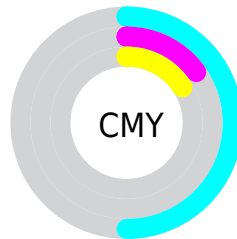
- Red (50%)
- Green (85%)
- Blue (84%)



- Red (50%)
- Yellow (68%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 128, 218, 214 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, 218, 214 by changing the saturation by 10% instead.


 128, 218, 214

 128, 218, 214


255, 255, 255

 100, 190, 186


 185, 255, 255

 71, 163, 159

 214, 255, 255

 39, 136, 133


 244, 255, 255

 0, 111, 108

 0, 86, 84

 0, 62, 61

 0, 40, 39

 0, 12, 19

 0, 0, 0

■ 128, 218, 214

■ 128, 218, 214

■ 106, 218, 213

■ 150, 218, 215

■ 84, 218, 212

■ 172, 218, 216

■ 63, 218, 211

■ 193, 218, 217

■ 41, 218, 210

■ 215, 218, 218

■ 19, 218, 209

■ 237, 218, 219

■ 0, 218, 208

■ 255, 218, 220

■ 255, 218, 221

■ 255, 218, 222

■ 255, 218, 223

Harmonies

Analogous

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



150, 217, 186



128, 218, 214



126, 216, 239

Triad

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



128, 218, 214



222, 192, 242



236, 196, 152

Complementary

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



128, 218, 214



218, 128, 132

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.



253, 188, 167



128, 218, 214



247, 185, 219

Square

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



128, 218, 214



186, 201, 255



255, 184, 192



210, 205, 150

Rectangle

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



128, 218, 214



140, 212, 250



255, 184, 192



243, 193, 156

Sweetspot

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



128, 218, 214



224, 255, 254



132, 218, 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, 218, 214



128, 255, 249



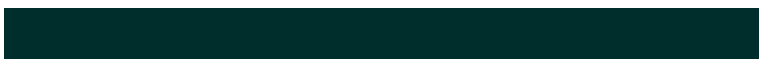
128, 178, 218



99, 110, 109



0, 173, 166



0, 46, 44

Inverse Universe

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



218, 128, 132



255, 128, 133



218, 169, 128



110, 99, 99



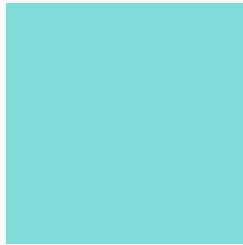
173, 0, 8



46, 0, 2

Previews

White Background



This preview shows how the RGB color 128, 218, 214 looks on a white background.

Color Contrast Check

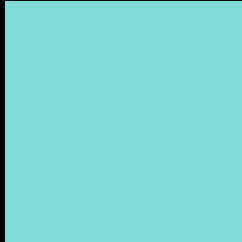
Large Text (above 18pt) WCAG AA × Fail

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, 218, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

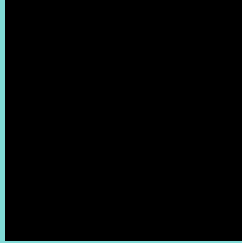
Any Text WCAG AA ✓ Pass

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, 218, 214 Background



This preview shows how black text looks on a background with the RGB color 128, 218, 214.



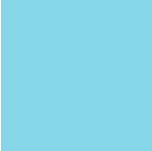
This preview shows how white text looks on a background with the RGB color 128, 218, 214.

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](#).

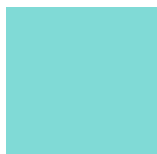
Dichromacy





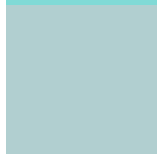
Tritanopia
133, 215, 233

Trichromacy



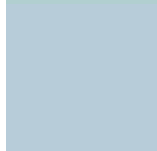
Original Color

128, 218, 214



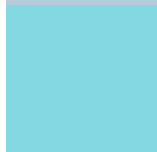
Protanomaly

177, 207, 208



Deuteranomaly

183, 204, 217



Tritanomaly

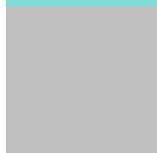
131, 216, 226

Monochromacy



Original Color

128, 218, 214



Achromatopsia

191, 191, 191



Achromatomaly

168, 201, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 218, 214 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, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(128, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 218, 214) }
```

Border

The CSS property to change the border of an element to RGB 128, 218, 214 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, 218, 214) }
```

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

```
.border{ border-color:rgb(128, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(128, 218,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 128, 218, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 218, 214) }
```

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

```
.background{ background-color: rgb(128,  
218, 214) }
```

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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