

Converting Colors

RGB(130, 216, 193)

Have a look what the booklet for
RGB(130, 216, 193) contains.

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Color

RGB(130, 216, 193)

Conversions

Conversions Part 1

Format	Color
Hex	82D8C1
RGB	130, 216, 193
RGB Percent	51%, 85%, 76%
CMY	0.4902, 0.1529, 0.2431
CMYK	0.40, 0.00, 0.11, 0.15
HSL	164°, 52%, 68%
HSV	164°, 40%, 85%
XYZ	43.3874, 57.7078, 59.3040
YIQ	187.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

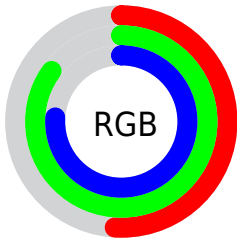
Format	Color
RYB	130, 180, 216
Decimal	8575169
CIELab	80.58, -31.29, 3.18
CIElCh	81, 31.451, 174.200
Yxy	57.7078, 0.2705, 0.3598
Android (android.graphics.Color)	4286765249 (0xFF82D8C1)
YUV	187.6640, 2.6306, -50.5713
Hunter-Lab	75.9657, -30.9905, 6.8901

Details

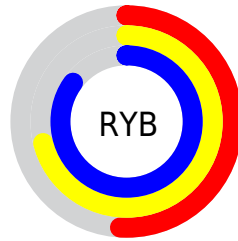
The RGB color **130, 216, 193** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **216, 130, 153**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **186, 255, 249**, and **75, 161, 140** is the 20% darker color. If you saturate the color by 10%, you get **108, 216, 187**, and if you desaturate by 10%, it is **152, 216, 199**.

Distribution



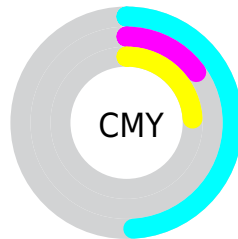
- Red (51%)
- Green (85%)
- Blue (76%)



- Red (51%)
- Yellow (71%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 216, 193 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 130, 216, 193 by changing the saturation by 10% instead.

 130, 216, 193


255, 255, 255


 186, 255, 249


 215, 255, 255

 244, 255, 255

 130, 216, 193


 102, 188, 166

 75, 161, 140

 46, 134, 114

 4, 109, 90

 0, 84, 66

 0, 60, 44

 0, 38, 24

 0, 4, 0

 0, 0, 0

 130, 216, 193

 130, 216, 193

 108, 216, 187


 152, 216, 199

 87, 216, 181

 173, 216, 205

 65, 216, 176

 195, 216, 210

 44, 216, 170

 216, 216, 216

 22, 216, 164

 238, 216, 222

 0, 216, 158

 255, 216, 228

 0, 216, 158

 255, 216, 233

 255, 216, 239

 255, 216, 245

Harmonies

Analogous

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



162, 212, 165



130, 216, 193



110, 216, 223

Triad

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



130, 216, 193



197, 194, 253



249, 186, 153

Complementary

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



130, 216, 193



216, 130, 153

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.



255, 180, 177



130, 216, 193



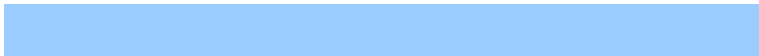
232, 185, 235

Square

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



130, 216, 193



154, 204, 255



254, 179, 207



226, 196, 142

Rectangle

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



130, 216, 193



112, 214, 240



254, 179, 207



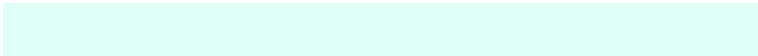
254, 184, 160

Sweetspot

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



130, 216, 193



224, 255, 247



154, 216, 130



110, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



130, 216, 193



133, 255, 222



130, 197, 216



96, 107, 104



0, 171, 125



0, 43, 32

Inverse Universe

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



216, 130, 153



255, 133, 165



216, 149, 130



107, 96, 99



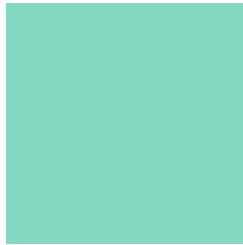
171, 0, 46



43, 0, 12

Previews

White Background



This preview shows how the RGB color 130, 216, 193 looks on a white background.

Color Contrast Check

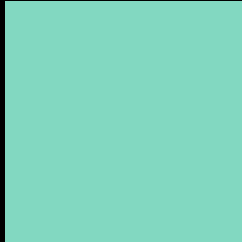
Large Text (above 18pt) WCAG AA × Fail

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 130, 216, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

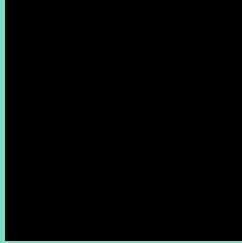
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

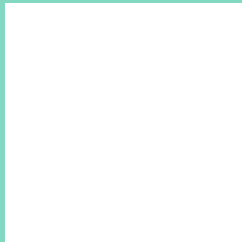
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 130, 216, 193 Background



This preview shows how black text looks on a background with the RGB color 130, 216, 193.

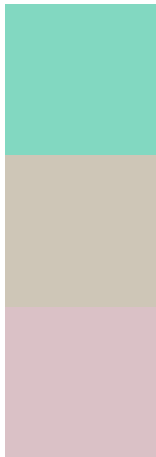


This preview shows how white text looks on a background with the RGB color 130, 216, 193.

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
130, 216, 193

Protanopia
206, 198, 183

Deuteranopia
218, 193, 198



Tritanopia
139, 211, 228

Trichromacy



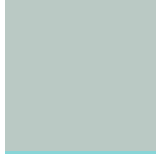
Original Color

130, 216, 193



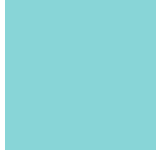
Protanomaly

178, 205, 187



Deuteranomaly

186, 201, 196



Tritanomaly

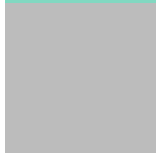
136, 213, 215

Monochromacy



Original Color

130, 216, 193



Achromatopsia

188, 188, 188



Achromatomaly

167, 198, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 216, 193 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(130, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(130, 216, 193)  
}
```

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(130, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 216, 193) }
```

Border

The CSS property to change the border of an element to RGB 130, 216, 193 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(130, 216, 193) }
```

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

```
.border{ border-color:rgb(130, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(130, 216,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 130, 216, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 216, 193) }
```

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

```
.background{ background-color: rgb(130,  
216, 193) }
```

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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