

Converting Colors

RGB(132, 205, 181)

Have a look what the booklet for
RGB(132, 205, 181) contains.

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Color

RGB(132, 205, 181)

Conversions

Conversions Part 1

Format	Color
Hex	84CDB5
RGB	132, 205, 181
RGB Percent	52%, 80%, 71%
CMY	0.4824, 0.1961, 0.2902
CMYK	0.36, 0.00, 0.12, 0.20
HSL	160°, 42%, 66%
HSV	160°, 36%, 80%
XYZ	39.6875, 51.9044, 51.6429
YIQ	180.4370, -35.8040, -22.9400

Conversions

Conversions Part 2

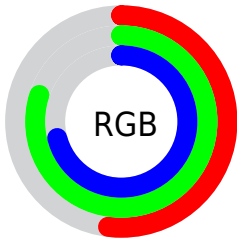
Format	Color
RYB	132, 176, 205
Decimal	8703413
CIELab	77.22, -28.11, 4.76
CIELCh	77, 28.510, 170.392
Yxy	51.9044, 0.2771, 0.3624
Android (android.graphics.Color)	4286893493 (0xFF84CDB5)
YUV	180.4370, 0.2776, -42.4792
Hunter-Lab	72.0447, -27.7472, 7.9312

Details

The RGB color **132, 205, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 132, 156**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **187, 255, 237**, and **79, 150, 128** is the 20% darker color. If you saturate the color by 10%, you get **112, 205, 174**, and if you desaturate by 10%, it is **153, 205, 188**.

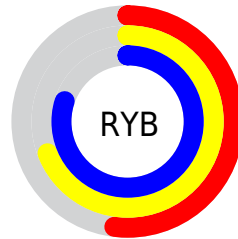
Distribution



Red (52%)

Green (80%)

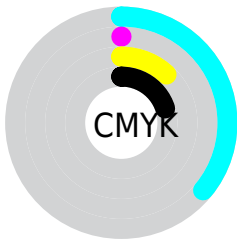
Blue (71%)



Red (52%)

Yellow (69%)

Blue (80%)

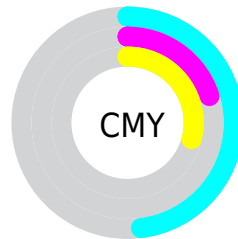


Cyan (36%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 205, 181 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 132, 205, 181 by changing the saturation by 10% instead.


 132, 205, 181

 132, 205, 181


255, 255, 255

 105, 177, 154

 187, 255, 237

 79, 150, 128

 216, 255, 255

 52, 124, 103

 245, 255, 255

 22, 99, 79

 0, 75, 56

 0, 51, 35

 0, 32, 13

 0, 0, 0

 132, 205, 181

 132, 205, 181

 112, 205, 174

 153, 205, 188

 91, 205, 168

 173, 205, 194

 70, 205, 161

 194, 205, 201

 50, 205, 154

 214, 205, 208

 30, 205, 147

 235, 205, 215

 9, 205, 141

 255, 205, 221

 0, 205, 138

 255, 205, 228

 255, 205, 235

 255, 205, 242

Harmonies

Analogous

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



161, 201, 156



132, 205, 181



113, 205, 208

Triad

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



132, 205, 181



183, 187, 240



237, 178, 151

Complementary

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



132, 205, 181



205, 132, 156

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.



244, 172, 174



132, 205, 181



216, 178, 225

Square

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



132, 205, 181



146, 196, 242



238, 172, 200



218, 186, 139

Rectangle

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



132, 205, 181



113, 204, 224



238, 172, 200



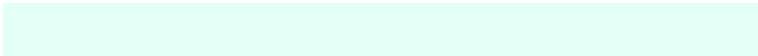
241, 175, 158

Sweetspot

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



132, 205, 181



227, 255, 246



156, 205, 132



111, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



132, 205, 181



145, 255, 219



132, 193, 205



92, 102, 99



0, 166, 111



0, 38, 26

Inverse Universe

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



205, 132, 156



255, 145, 181



205, 144, 132



102, 92, 95



166, 0, 54



38, 0, 13

Previews

White Background



This preview shows how the RGB color 132, 205, 181 looks on a white background.

Color Contrast Check

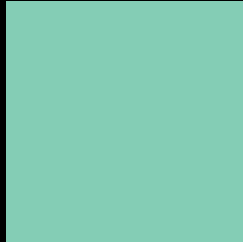
Large Text (above 18pt) WCAG AA × Fail

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 132, 205, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

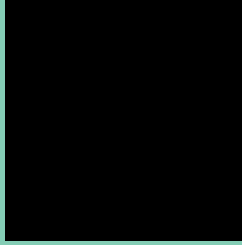
Any Text WCAG AA ✓ Pass

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 132, 205, 181 Background



This preview shows how black text looks on a background with the RGB color 132, 205, 181.

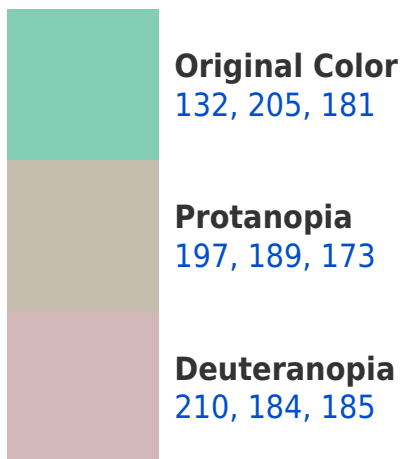


This preview shows how white text looks on a background with the RGB color 132, 205, 181.

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
140, 200, 216

Trichromacy



Original Color

132, 205, 181



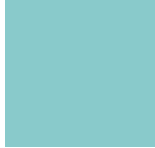
Protanomaly

173, 195, 176



Deuteranomaly

182, 192, 184



Tritanomaly

137, 202, 203

Monochromacy



Original Color

132, 205, 181



Achromatopsia

180, 180, 180



Achromatomaly

163, 189, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 205, 181 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(132, 205, 181)` looks like.

```
.text, #text, p{  
    color:rgb(132, 205, 181)  
}
```

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(132, 205, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 205, 181) }
```

Border

The CSS property to change the border of an element to RGB 132, 205, 181 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(132, 205, 181) }
```

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

```
.border{ border-color:rgb(132, 205, 181) }
```

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

Here you see how a box with a 4 pixel rgb(132, 205, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 205, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 205, 181);  
box-shadow:4px 4px 4px 4px rgb(132, 205,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 132, 205, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 205, 181) }
```

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

```
.background{ background-color: rgb(132,  
205, 181) }
```

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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