

Converting Colors

RGB(132, 189, 178)

Have a look what the booklet for
RGB(132, 189, 178) contains.

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Color

RGB(132, 189, 178)

Conversions

Conversions Part 1

Format	Color
Hex	84BDB2
RGB	132, 189, 178
RGB Percent	52%, 74%, 70%
CMY	0.4824, 0.2588, 0.3020
CMYK	0.30, 0.00, 0.06, 0.26
HSL	168°, 30%, 63%
HSV	168°, 30%, 74%
XYZ	35.7492, 44.5151, 48.8276
YIQ	170.7030, -30.4410, -15.5050

Conversions

Conversions Part 2

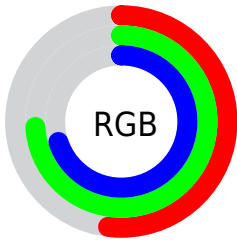
Format	Color
RYB	132, 164, 189
Decimal	8699314
CIELab	72.57, -20.85, -0.38
CIELCh	73, 20.855, 181.031
Yxy	44.5151, 0.2769, 0.3448
Android (android.graphics.Color)	4286889394 (0xFF84BDB2)
YUV	170.7030, 3.5974, -33.9425
Hunter-Lab	66.7196, -21.1168, 3.3134

Details

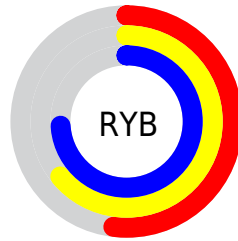
The RGB color **132, 189, 178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 132, 143**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **187, 245, 234**, and **80, 135, 125** is the 20% darker color. If you saturate the color by 10%, you get **113, 189, 174**, and if you desaturate by 10%, it is **151, 189, 182**.

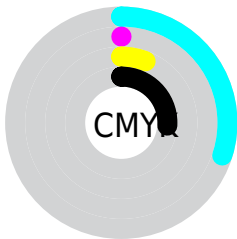
Distribution



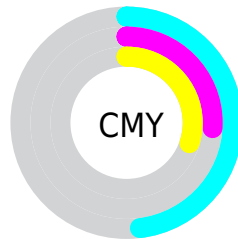
- Red (52%)
- Green (74%)
- Blue (70%)



- Red (52%)
- Yellow (64%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)




- Cyan (48%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 189, 178 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, 189, 178 by changing the saturation by 10% instead.


 132, 189, 178

255, 255, 255


 187, 245, 234


 215, 255, 255

 244, 255, 255

 132, 189, 178

 106, 162, 151


 80, 135, 125

 55, 110, 101

 28, 85, 77


 0, 62, 54

 0, 40, 33


 0, 17, 10


 0, 0, 0


 132, 189, 178


 132, 189, 178

 113, 189, 174

 151, 189, 182

 94, 189, 171


 170, 189, 185

 75, 189, 167


 189, 189, 189

 56, 189, 163

 208, 189, 193

 38, 189, 160

 227, 189, 196

 19, 189, 156

 245, 189, 200

 0, 189, 153

 255, 189, 204

 255, 189, 207

 255, 189, 211

Harmonies

Analogous

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



149, 187, 159



132, 189, 178



125, 188, 197

Triad

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



132, 189, 178



182, 173, 211



208, 171, 145

Complementary

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



132, 189, 178



189, 132, 143

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.



217, 166, 159



132, 189, 178



203, 167, 197

Square

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



132, 189, 178



157, 179, 216



216, 165, 178



192, 177, 140

Rectangle

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



132, 189, 178



130, 186, 207



216, 165, 178



212, 169, 149

Sweetspot

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



132, 189, 178



223, 245, 241



143, 189, 132



109, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



132, 189, 178



157, 245, 228



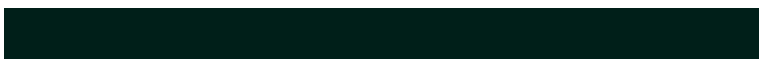
132, 172, 189



85, 94, 93



0, 158, 128



0, 31, 25

Inverse Universe

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



189, 132, 143



245, 157, 174



189, 149, 132



94, 85, 87



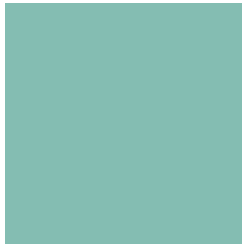
158, 0, 31



31, 0, 6

Previews

White Background



This preview shows how the RGB color 132, 189, 178 looks on a white background.

Color Contrast Check

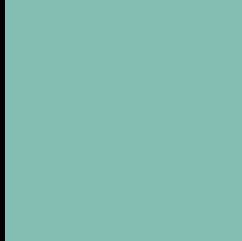
Large Text (above 18pt) WCAG AA × Fail

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, 189, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

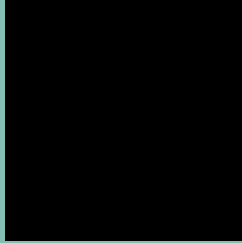
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

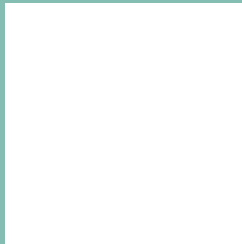
Any Text WCAG AAA ✓ Pass

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

RGB 132, 189, 178 Background



This preview shows how black text looks on a background with the RGB color 132, 189, 178.

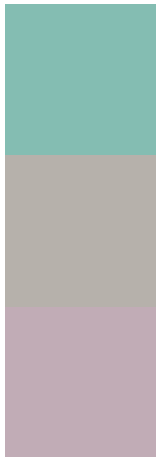


This preview shows how white text looks on a background with the RGB color 132, 189, 178.

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](#).

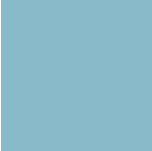
Dichromacy



Original Color
132, 189, 178

Protanopia
182, 177, 171

Deuteranopia
193, 172, 182



Tritanopia
137, 186, 201

Trichromacy



Original Color
132, 189, 178

Protanomaly
164, 181, 174

Deuteranomaly
171, 178, 181

Tritanomaly
135, 187, 193

Monochromacy



Original Color
132, 189, 178

Achromatopsia
171, 171, 171

Achromatomaly
157, 178, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 189, 178 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, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 178)  
}
```

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, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 178) }
```

Border

The CSS property to change the border of an element to RGB 132, 189, 178 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, 189, 178) }
```

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

```
.border{ border-color:rgb(132, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 132, 189, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 178) }
```

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

```
.background{ background-color: rgb(132,  
189, 178) }
```

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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