

Converting Colors

RGB(132, 189, 170)

Have a look what the booklet for
RGB(132, 189, 170) contains.

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Color

RGB(132, 189, 170)

Conversions

Conversions Part 1	
Format	Color
Hex	84BDAA
RGB	132, 189, 170
RGB Percent	52%, 74%, 67%
CMY	0.4824, 0.2588, 0.3333
CMYK	0.30, 0.00, 0.10, 0.26
HSL	160°, 30%, 63%
HSV	160°, 30%, 74%
XYZ	34.9690, 44.2030, 44.7192
YIQ	169.7910, -27.8730, -17.9930

Conversions

Conversions Part 2

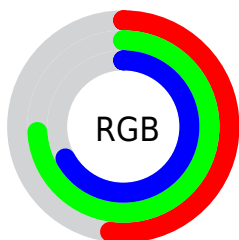
Format	Color
RYB	132, 166, 189
Decimal	8699306
CIELab	72.36, -22.60, 3.69
CIELCh	72, 22.901, 170.735
Yxy	44.2030, 0.2823, 0.3568
Android (android.graphics.Color)	4286889386 (0xFF84BDAA)
YUV	169.7910, 0.1030, -33.1427
Hunter-Lab	66.4853, -22.4645, 6.6603

Details

The RGB color **132, 189, 170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 132, 151**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **186, 245, 225**, and **80, 135, 118** is the 20% darker color. If you saturate the color by 10%, you get **113, 189, 164**, and if you desaturate by 10%, it is **151, 189, 176**.

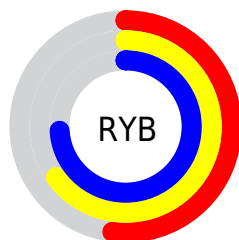
Distribution



Red (52%)

Green (74%)

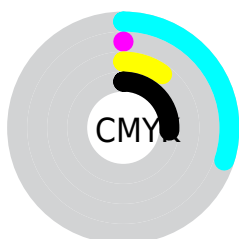
Blue (67%)



Red (52%)

Yellow (65%)

Blue (74%)

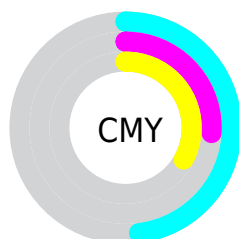


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (48%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 189, 170 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, 170 by changing the saturation by 10% instead.

 132, 189, 170

255, 255, 255


 186, 245, 225

 215, 255, 254

 243, 255, 255

 132, 189, 170

 106, 162, 144

 80, 135, 118

 55, 110, 93

 29, 85, 70

 0, 62, 47

 0, 39, 27


 0, 15, 0


 0, 0, 0


 132, 189, 170


 132, 189, 170


 113, 189, 164


 151, 189, 176

 94, 189, 157


 170, 189, 183


 75, 189, 151


 189, 189, 189

 56, 189, 145

 208, 189, 195

 38, 189, 138

 227, 189, 202

 19, 189, 132

 245, 189, 208

 0, 189, 126

 255, 189, 214

 255, 189, 220

 255, 189, 227

Harmonies

Analogous

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



154, 186, 150



132, 189, 170



119, 189, 191

Triad

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



132, 189, 170



172, 174, 216



215, 167, 146

Complementary

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



132, 189, 170



189, 132, 151

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.



221, 163, 164



132, 189, 170



198, 167, 204

Square

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



132, 189, 170



144, 181, 218



215, 163, 185



199, 174, 136

Rectangle

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



132, 189, 170



120, 188, 204



215, 163, 185



218, 165, 151

Sweetspot

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



132, 189, 170



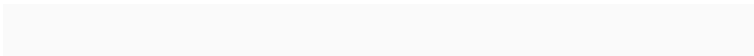
223, 245, 237



151, 189, 132



109, 122, 118



250, 250, 250



122, 122, 122

Same Dimension

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



132, 189, 170



157, 245, 215



132, 180, 189



85, 94, 91



0, 158, 105



0, 31, 20

Inverse Universe

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



189, 132, 151



245, 157, 186



189, 142, 132



94, 85, 88



158, 0, 53



31, 0, 10

Previews

White Background



This preview shows how the RGB color 132, 189, 170 looks on a white background.

Color Contrast Check

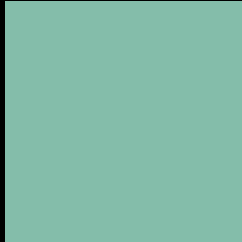
Large Text (above 18pt) WCAG AA × Fail

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, 170 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

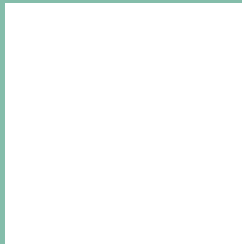
Any Text WCAG AAA ✓ Pass

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

RGB 132, 189, 170 Background



This preview shows how black text looks on a background with the RGB color 132, 189, 170.

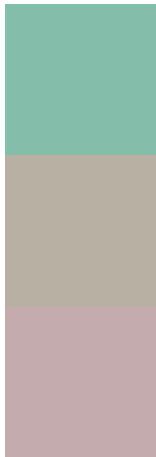


This preview shows how white text looks on a background with the RGB color 132, 189, 170.

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

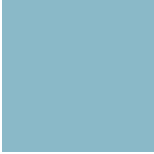
132, 189, 170

Protanopia

183, 176, 163

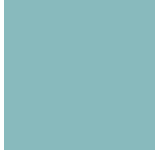
Deuteranopia

195, 171, 174

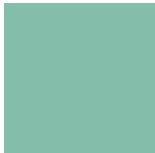
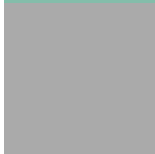
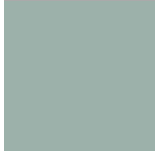


Tritanopia
138, 185, 200

Trichromacy

	Original Color 132, 189, 170
	Protanomaly 164, 181, 166
	Deuteranomaly 172, 178, 173
	Tritanomaly 136, 186, 189

Monochromacy

	Original Color 132, 189, 170
	Achromatopsia 170, 170, 170
	Achromatomaly 156, 177, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 189, 170 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 170) }
```

Border

The CSS property to change the border of an element to RGB 132, 189, 170 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, 170) }
```

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

```
.border{ border-color:rgb(132, 189, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 132, 189, 170 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, 170) }
```

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

```
.background{ background-color: rgb(132,  
189, 170) }
```

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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