

# Converting Colors

RGB(140, 188, 172)

Have a look what the booklet for  
RGB(140, 188, 172) contains.

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# **Color**

**RGB(140, 188, 172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CBCAC
RGB	140, 188, 172
RGB Percent	55%, 74%, 67%
CMY	0.4510, 0.2627, 0.3255
CMYK	0.26, 0.00, 0.09, 0.26
HSL	160°, 26%, 64%
HSV	160°, 26%, 74%
XYZ	36.2448, 44.5204, 45.7127
YIQ	171.8240, -23.4720, -15.1520

# Conversions

## Conversions Part 2

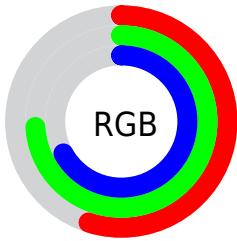
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 169, 188
Decimal	9223340
CIELab	72.57, -19.21, 2.96
CIELCh	73, 19.434, 171.245
Yxy	44.5204, 0.2866, 0.3520
Android (android.graphics.Color)	4287413420 (0xFF8CBCAC)
YUV	171.8240, 0.0868, -27.9096
Hunter-Lab	66.7236, -19.8037, 6.0867

# Details

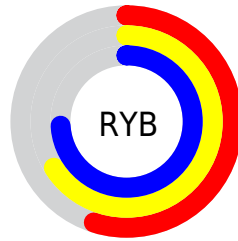
The RGB color **140, 188, 172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188, 140, 156**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **194, 244, 227**, and **88, 135, 120** is the 20% darker color. If you saturate the color by 10%, you get **121, 188, 166**, and if you desaturate by 10%, it is **159, 188, 178**.

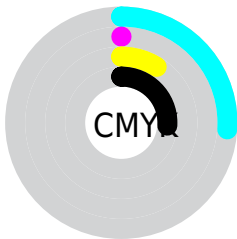
# Distribution



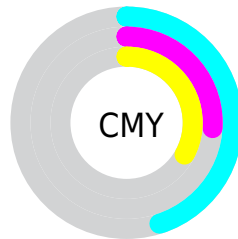
- Red (55%)
- Green (74%)
- Blue (67%)



- Red (55%)
- Yellow (66%)
- Blue (74%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)



- Cyan (45%)
- Magenta (26%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 140, 188, 172 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 140, 188, 172 by changing the saturation by 10% instead.




 140, 188, 172


255, 255, 255


 194, 244, 227


 223, 255, 255

 252, 255, 255

 140, 188, 172

 114, 161, 145

 88, 135, 120

 64, 109, 95

 40, 85, 71


 14, 61, 49


 0, 39, 28

 0, 16, 2

 0, 0, 0

 140, 188, 172


 140, 188, 172

 121, 188, 166


 159, 188, 178

 102, 188, 159


 178, 188, 185

 84, 188, 153


 196, 188, 191

 65, 188, 147

 215, 188, 197

 46, 188, 141

 234, 188, 203

 27, 188, 134

 253, 188, 210

 8, 188, 128

 255, 188, 216

 0, 188, 125

 255, 188, 222

 255, 188, 228

# Harmonies

## Analogous

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



158, 185, 155



140, 188, 172



130, 188, 190

# Triad

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



140, 188, 172



174, 175, 211



210, 170, 151

# Complementary

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



140, 188, 172



188, 140, 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.



215, 166, 166



140, 188, 172



196, 170, 200

# Square

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



140, 188, 172



151, 181, 213



211, 166, 184



197, 175, 143

# Rectangle

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



140, 188, 172



131, 187, 201



211, 166, 184



213, 168, 155

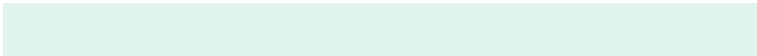


# Sweetspot

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



140, 188, 172



225, 245, 238



156, 188, 140



110, 122, 118



250, 250, 250



122, 122, 122



# Same Dimension

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



140, 188, 172



169, 245, 220



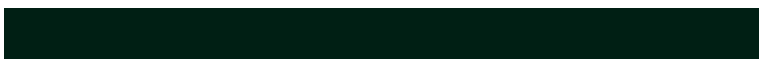
140, 180, 188



85, 94, 91



0, 158, 105



0, 31, 20



# Inverse Universe

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



188, 140, 156



245, 169, 194



188, 148, 140



94, 85, 88



158, 0, 53



31, 0, 10



# Previews

## White Background



This preview shows how the RGB color 140, 188, 172 looks on a white background.

## Color Contrast Check

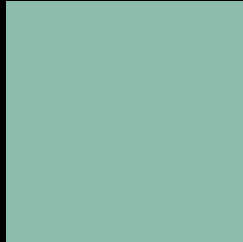
Large Text (above 18pt) WCAG AA × Fail

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 140, 188, 172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

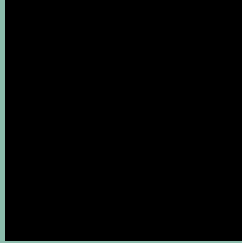
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

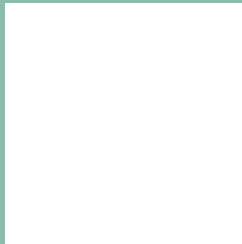
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 140, 188, 172 Background



This preview shows how black text looks on a background with the RGB color 140, 188, 172.

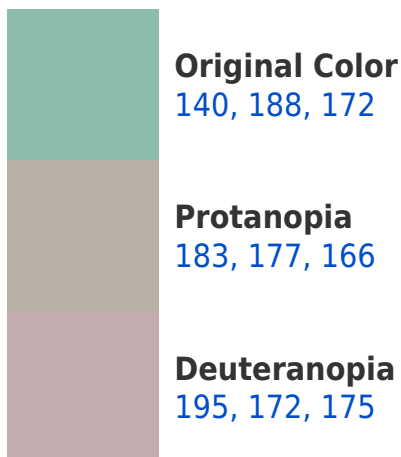


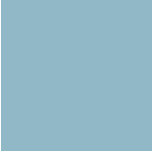
This preview shows how white text looks on a background with the RGB color 140, 188, 172.

# 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](#).

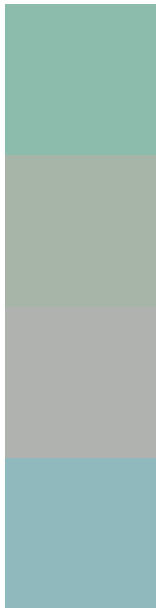
## Dichromacy





**Tritanopia**  
145, 184, 199

# Trichromacy



**Original Color**

140, 188, 172

**Protanomaly**

167, 181, 168

**Deuteranomaly**

175, 178, 174

**Tritanomaly**

143, 185, 189

# Monochromacy



**Original Color**

140, 188, 172

**Achromatopsia**

172, 172, 172

**Achromatomaly**

160, 178, 172

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 140, 188, 172 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(140, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 188, 172)  
}
```

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(140, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 188, 172) }
```

## Border

The CSS property to change the border of an element to RGB 140, 188, 172 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(140, 188, 172) }
```

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

```
.border{ border-color:rgb(140, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 188,  
172) }
```

# Background

The CSS property to change the background color of an element to RGB 140, 188, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 188, 172) }
```

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

```
.background{ background-color: rgb(140,  
188, 172) }
```

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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