

Converting Colors

RGB(78, 188, 173)

Have a look what the booklet for
RGB(78, 188, 173) contains.

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Color

RGB(78, 188, 173)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCAD
RGB	78, 188, 173
RGB Percent	31%, 74%, 68%
CMY	0.6941, 0.2627, 0.3216
CMYK	0.59, 0.00, 0.08, 0.26
HSL	172°, 45%, 52%
HSV	172°, 59%, 74%
XYZ	28.6679, 40.6033, 45.8614
YIQ	153.4000, -60.7450, -27.9850

Conversions

Conversions Part 2

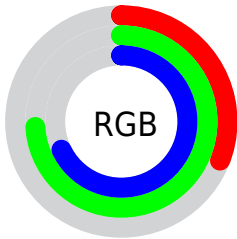
Format	Color
RYB	78, 137, 188
Decimal	5160109
CIELab	69.90, -34.93, -1.82
CIELCh	70, 34.976, 182.985
Yxy	40.6033, 0.2490, 0.3527
Android (android.graphics.Color)	4283350189 (0xFF4EBCAD)
YUV	153.4000, 9.6628, -66.1258
Hunter-Lab	63.7207, -31.2041, 1.9320

Details

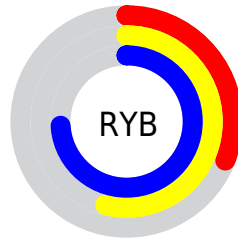
The RGB color **78, 188, 173** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **188, 78, 93**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **137, 245, 228**, and **0, 134, 121** is the 20% darker color. If you saturate the color by 10%, you get **59, 188, 170**, and if you desaturate by 10%, it is **97, 188, 176**.

Distribution



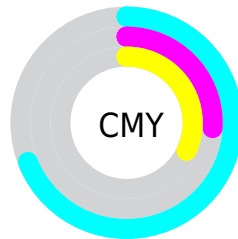
- Red (31%)
- Green (74%)
- Blue (68%)



- Red (31%)
- Yellow (54%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)




- Cyan (69%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 188, 173 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 78, 188, 173 by changing the saturation by 10% instead.

 78, 188, 173


255, 255, 255


 137, 245, 228

 166, 255, 255

 195, 255, 255

 225, 255, 255

 78, 188, 173

 45, 161, 146

 0, 134, 121

 0, 108, 96


 0, 83, 72


 0, 59, 50

 0, 38, 29

 0, 0, 4

 0, 0, 0

 78, 188, 173

 78, 188, 173

■ 59, 188, 170

■ 97, 188, 176

■ 40, 188, 168

■ 116, 188, 178

■ 22, 188, 165

■ 134, 188, 181

■ 3, 188, 163

■ 153, 188, 183

■ 0, 188, 162

■ 172, 188, 186

■ 191, 188, 188

■ 210, 188, 191

■ 228, 188, 194

■ 247, 188, 196

Harmonies

Analogous

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



118, 185, 141



78, 188, 173



53, 187, 204

Triad

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



78, 188, 173



179, 161, 224



216, 159, 115

Complementary

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



78, 188, 173



188, 78, 93

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.



231, 150, 138



78, 188, 173



214, 151, 200

Square

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



78, 188, 173



132, 173, 234



231, 146, 169



189, 170, 107

Rectangle

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



78, 188, 173



66, 184, 221



231, 146, 169



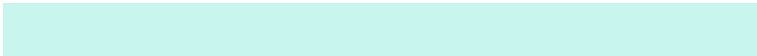
223, 155, 121

Sweetspot

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



78, 188, 173



201, 245, 239



95, 188, 78



95, 122, 119



250, 250, 250



122, 122, 122

Same Dimension

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



78, 188, 173



73, 245, 221



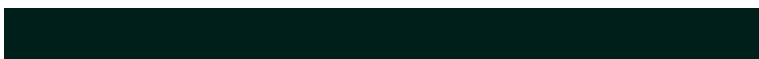
78, 150, 188



85, 94, 93



0, 158, 137



0, 31, 26

Inverse Universe

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



188, 78, 93



245, 73, 97



188, 117, 78



94, 85, 86



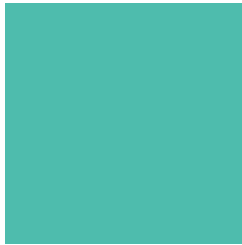
158, 0, 22



31, 0, 4

Previews

White Background



This preview shows how the RGB color 78, 188, 173 looks on a white background.

Color Contrast Check

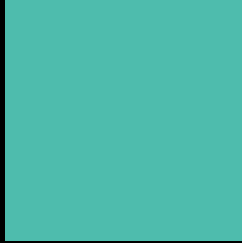
Large Text (above 18pt) WCAG AA × Fail

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 78, 188, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

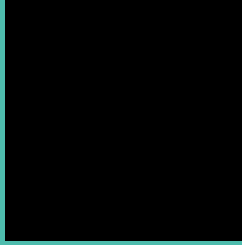
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

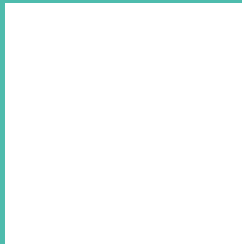
Any Text WCAG AAA ✓ Pass

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

RGB 78, 188, 173 Background



This preview shows how black text looks on a background with the RGB color 78, 188, 173.



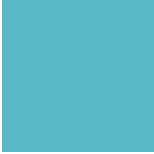
This preview shows how white text looks on a background with the RGB color 78, 188, 173.

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





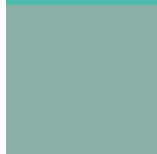
Tritanopia
88, 184, 199

Trichromacy



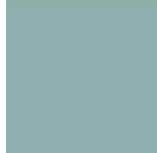
Original Color

78, 188, 173



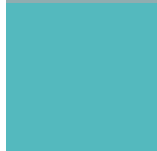
Protanomaly

139, 176, 166



Deuteranomaly

144, 173, 176



Tritanomaly

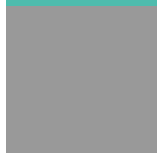
84, 185, 190

Monochromacy



Original Color

78, 188, 173



Achromatopsia

153, 153, 153



Achromatomaly

126, 166, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 188, 173 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(78, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(78, 188, 173)  
}
```

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(78, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 188, 173) }
```

Border

The CSS property to change the border of an element to RGB 78, 188, 173 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(78, 188, 173) }
```

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

```
.border{ border-color:rgb(78, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(78, 188,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 78, 188, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 188, 173) }
```

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

```
.background{ background-color: rgb(78, 188,  
173) }
```

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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