

Converting Colors

RGB(120, 220, 187)

Have a look what the booklet for
RGB(120, 220, 187) contains.

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Color

RGB(120, 220, 187)

Conversions

Conversions Part 1

Format	Color
Hex	78DCBB
RGB	120, 220, 187
RGB Percent	47%, 86%, 73%
CMY	0.5294, 0.1373, 0.2667
CMYK	0.45, 0.00, 0.15, 0.14
HSL	160°, 59%, 67%
HSV	160°, 45%, 86%
XYZ	42.3086, 58.7673, 56.1270
YIQ	186.3380, -49.0070, -31.4630

Conversions

Conversions Part 2

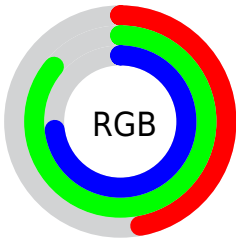
Format	Color
RYB	120, 180, 220
Decimal	7920827
CIELab	81.16, -37.04, 7.16
CIELCh	81, 37.726, 169.057
Yxy	58.7673, 0.2691, 0.3738
Android (android.graphics.Color)	4286110907 (0xFF78DCBB)
YUV	186.3380, 0.3264, -58.1784
Hunter-Lab	76.6598, -35.6406, 10.2523

Details

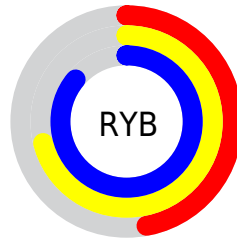
The RGB color **120, 220, 187** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **220, 120, 153**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **177, 255, 243**, and **62, 164, 134** is the 20% darker color. If you saturate the color by 10%, you get **98, 220, 180**, and if you desaturate by 10%, it is **142, 220, 194**.

Distribution



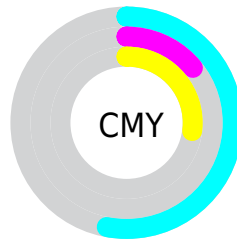
- Red (47%)
- Green (86%)
- Blue (73%)



- Red (47%)
- Yellow (71%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (53%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 220, 187 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 120, 220, 187 by changing the saturation by 10% instead.

 120, 220, 187


255, 255, 255


 177, 255, 243


 206, 255, 255


 235, 255, 255


 120, 220, 187

 92, 192, 160

 62, 164, 134

 27, 138, 109

 0, 112, 84

 0, 87, 61

 0, 63, 39

 0, 41, 19

 0, 8, 0

 0, 0, 0

 120, 220, 187

 120, 220, 187

 98, 220, 180

 142, 220, 194

 76, 220, 172

 164, 220, 202

 54, 220, 165

 186, 220, 209

 32, 220, 158

 208, 220, 216

 10, 220, 151

 230, 220, 223

 0, 220, 147

 252, 220, 231

 255, 220, 238

 255, 220, 245

 255, 220, 252

Harmonies

Analogous

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



163, 215, 154



120, 220, 187



84, 221, 223

Triad

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



120, 220, 187



188, 197, 255



255, 183, 150

Complementary

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



120, 220, 187



220, 120, 153

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.



255, 176, 180



120, 220, 187



234, 185, 248

Square

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



120, 220, 187



133, 209, 255



255, 176, 216



237, 195, 132

Rectangle

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



120, 220, 187



79, 219, 245



255, 176, 216



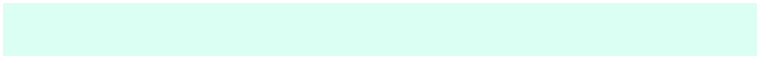
255, 180, 159

Sweetspot

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



120, 220, 187



219, 255, 243



153, 220, 120



106, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



120, 220, 187



115, 255, 209



120, 203, 220



99, 110, 106



0, 173, 116



0, 46, 31

Inverse Universe

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



220, 120, 153



255, 115, 161



220, 137, 120



110, 99, 102



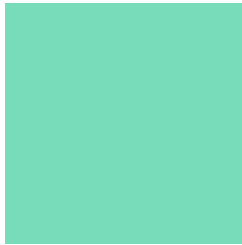
173, 0, 57



46, 0, 15

Previews

White Background



This preview shows how the RGB color 120, 220, 187 looks on a white background.

Color Contrast Check

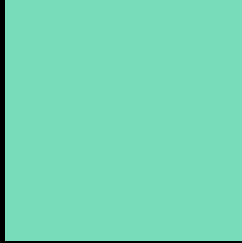
Large Text (above 18pt) WCAG AA × Fail

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 120, 220, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

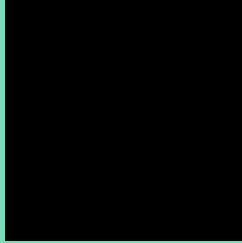
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

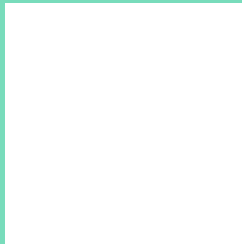
Any Text WCAG AAA ✓ Pass

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

RGB 120, 220, 187 Background



This preview shows how black text looks on a background with the RGB color 120, 220, 187.

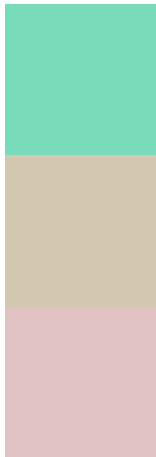


This preview shows how white text looks on a background with the RGB color 120, 220, 187.

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
120, 220, 187

Protanopia
210, 200, 176

Deuteranopia
223, 194, 193



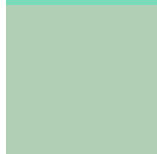
Tritanopia
132, 214, 231

Trichromacy



Original Color

120, 220, 187



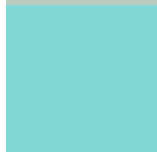
Protanomaly

177, 207, 180



Deuteranomaly

186, 203, 191



Tritanomaly

128, 216, 215

Monochromacy



Original Color

120, 220, 187



Achromatopsia

186, 186, 186



Achromatomaly

162, 198, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 220, 187 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(120, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(120, 220, 187)  
}
```

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(120, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 220, 187) }
```

Border

The CSS property to change the border of an element to RGB 120, 220, 187 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(120, 220, 187) }
```

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

```
.border{ border-color:rgb(120, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 220, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 220, 187); box-shadow:4px 4px 4px 4px rgb(120, 220, 187) }
```

Background

The CSS property to change the background color of an element to RGB 120, 220, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 220, 187) }
```

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

```
.background{ background-color: rgb(120,  
220, 187) }
```

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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