

Converting Colors

RGB(122, 240, 188)

Have a look what the booklet for
RGB(122, 240, 188) contains.

RGB(122, 240, 188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(122, 240, 188)

Conversions

Conversions Part 1

Format	Color
Hex	7AF0BC
RGB	122, 240, 188
RGB Percent	48%, 94%, 74%
CMY	0.5216, 0.0588, 0.2627
CMYK	0.49, 0.00, 0.22, 0.06
HSL	154°, 80%, 71%
HSV	154°, 49%, 94%
XYZ	48.2632, 70.0886, 58.5617
YIQ	198.7900, -53.6360, -41.1880

Conversions

Conversions Part 2

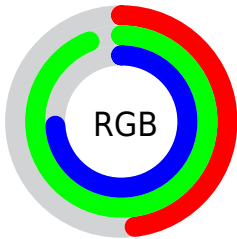
Format	Color
RYB	122, 198, 240
Decimal	8057020
CIELab	87.04, -45.24, 15.01
CIELCh	87, 47.665, 161.647
Yxy	70.0886, 0.2728, 0.3962
Android (android.graphics.Color)	4286247100 (0xFF7AF0BC)
YUV	198.7900, -5.3195, -67.3448
Hunter-Lab	83.7189, -43.6044, 17.1297

Details

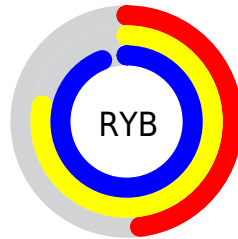
The RGB color **122, 240, 188** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **240, 122, 174**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **180, 255, 244**, and **61, 183, 135** is the 20% darker color. If you saturate the color by 10%, you get **98, 240, 177**, and if you desaturate by 10%, it is **146, 240, 199**.

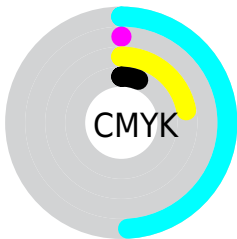
Distribution



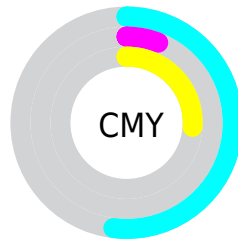
- Red (48%)
- Green (94%)
- Blue (74%)



- Red (48%)
- Yellow (78%)
- Blue (94%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (52%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 240, 188 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 122, 240, 188 by changing the saturation by 10% instead.

 122, 240, 188

255, 255, 255


 180, 255, 244


 210, 255, 255


 240, 255, 255


 122, 240, 188

 92, 211, 161

 61, 183, 135

 19, 156, 109

 0, 129, 85

 0, 103, 61

 0, 78, 39

 0, 54, 19

 0, 32, 0

 0, 0, 0

 122, 240, 188

 122, 240, 188

 98, 240, 177

 146, 240, 199

 74, 240, 167

 170, 240, 209

 50, 240, 156

 194, 240, 220

 26, 240, 146

 218, 240, 230

 2, 240, 135

 242, 240, 241

 0, 240, 134

 255, 240, 251

 255, 240, 255

Harmonies

Analogous

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



180, 233, 149



122, 240, 188



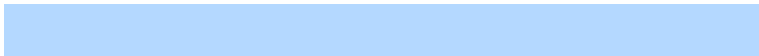
43, 242, 235

Triad

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



122, 240, 188



180, 216, 255



255, 191, 160

Complementary

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



122, 240, 188



240, 122, 174

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, 182, 202



122, 240, 188



246, 200, 255

Square

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



122, 240, 188



97, 230, 255



255, 186, 248



255, 206, 132

Rectangle

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



122, 240, 188



0, 241, 255



255, 186, 248



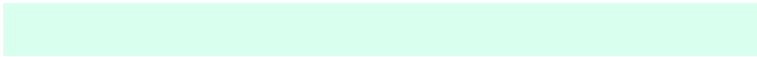
255, 187, 173

Sweetspot

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



122, 240, 188



217, 255, 238



175, 240, 122



105, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



122, 240, 188



105, 255, 189



122, 234, 240



108, 120, 115



0, 184, 103



0, 56, 31

Inverse Universe

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



240, 122, 174



255, 105, 171



240, 128, 122



120, 108, 113



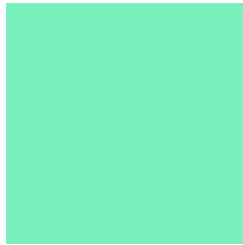
184, 0, 81



56, 0, 25

Previews

White Background



This preview shows how the RGB color 122, 240, 188 looks on a white background.

Color Contrast Check

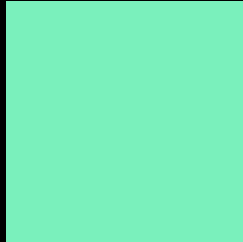
Large Text (above 18pt) WCAG AA × Fail

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 122, 240, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

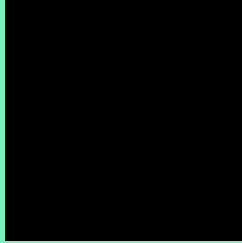
Any Text WCAG AA ✓ Pass

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 122, 240, 188 Background



This preview shows how black text looks on a background with the RGB color 122, 240, 188.

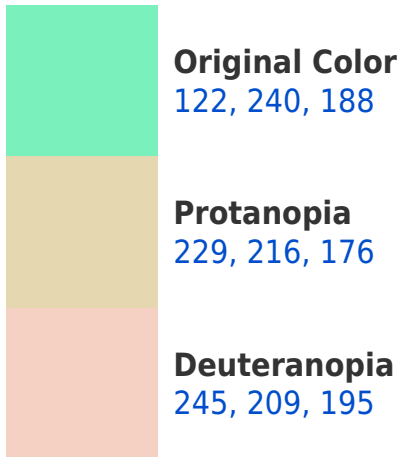


This preview shows how white text looks on a background with the RGB color 122, 240, 188.

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
139, 232, 250

Trichromacy



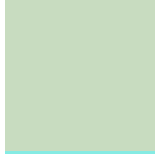
Original Color

122, 240, 188



Protanomaly

190, 225, 180



Deuteranomaly

200, 220, 192



Tritanomaly

133, 235, 227

Monochromacy



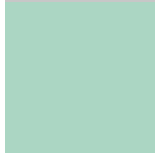
Original Color

122, 240, 188



Achromatopsia

199, 199, 199



Achromatomaly

171, 214, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 240, 188 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(122, 240, 188)` looks like.

```
.text, #text, p{  
    color:rgb(122, 240, 188)  
}
```

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(122, 240, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 240, 188) }
```

Border

The CSS property to change the border of an element to RGB 122, 240, 188 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(122, 240, 188) }
```

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

```
.border{ border-color:rgb(122, 240, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 240, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 240, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 240, 188);  
box-shadow:4px 4px 4px 4px rgb(122, 240,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 122, 240, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 240, 188) }
```

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

```
.background{ background-color: rgb(122,  
240, 188) }
```

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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