

Converting Colors

RGB(103, 232, 183)

Have a look what the booklet for
RGB(103, 232, 183) contains.

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Color

RGB(103, 232, 183)

Conversions

Conversions Part 1

Format	Color
Hex	67E8B7
RGB	103, 232, 183
RGB Percent	40%, 91%, 72%
CMY	0.5961, 0.0902, 0.2824
CMYK	0.56, 0.00, 0.21, 0.09
HSL	157°, 74%, 66%
HSV	157°, 56%, 91%
XYZ	42.9974, 64.0157, 54.8898
YIQ	187.8430, -61.1550, -42.5870

Conversions

Conversions Part 2

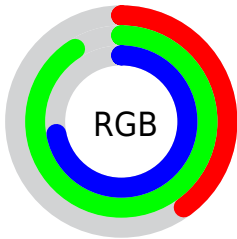
Format	Color
RYB	103, 183, 232
Decimal	6809783
CIELab	83.97, -47.09, 13.19
CIELCh	84, 48.907, 164.349
Yxy	64.0157, 0.2656, 0.3954
Android (android.graphics.Color)	4284999863 (0xFF67E8B7)
YUV	187.8430, -2.3876, -74.4073
Hunter-Lab	80.0098, -44.0910, 15.3316

Details

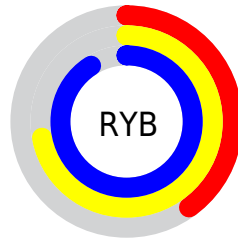
The RGB color **103, 232, 183** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **232, 103, 152**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **163, 255, 239**, and **32, 176, 130** is the 20% darker color. If you saturate the color by 10%, you get **80, 232, 174**, and if you desaturate by 10%, it is **126, 232, 192**.

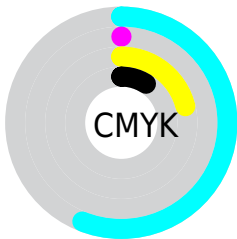
Distribution



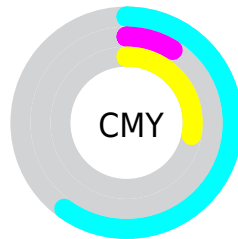
- Red (40%)
- Green (91%)
- Blue (72%)



- Red (40%)
- Yellow (72%)
- Blue (91%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 232, 183 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 103, 232, 183 by changing the saturation by 10% instead.

 103, 232, 183

255, 255, 255

 163, 255, 239


 193, 255, 255

 222, 255, 255


253, 255, 255

 103, 232, 183

 71, 203, 156

 32, 176, 130

 0, 148, 105

 0, 122, 81

 0, 96, 57

 0, 71, 36

 0, 48, 15

 0, 22, 0

 0, 0, 0

 103, 232, 183

 103, 232, 183

 80, 232, 174

 126, 232, 192

 57, 232, 165

 149, 232, 201

 33, 232, 157

 173, 232, 209

 10, 232, 148

 196, 232, 218

 0, 232, 144

 219, 232, 227

 242, 232, 236

 255, 232, 245

 255, 232, 253

 255, 232, 255

Harmonies

Analogous

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



165, 225, 142



103, 232, 183



0, 234, 231

Triad

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



103, 232, 183



177, 206, 255



255, 183, 147

Complementary

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



103, 232, 183



232, 103, 152

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, 173, 189



103, 232, 183



242, 189, 255

Square

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



103, 232, 183



87, 221, 255



255, 176, 236



255, 198, 120

Rectangle

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



103, 232, 183



0, 232, 255



255, 176, 236



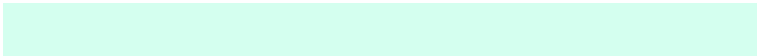
255, 178, 160

Sweetspot

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



103, 232, 183



212, 255, 239



152, 232, 103



102, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



103, 232, 183



84, 255, 190



103, 217, 232



103, 115, 110



0, 179, 111



0, 51, 32

Inverse Universe

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



232, 103, 152



255, 84, 149



232, 118, 103



115, 103, 108



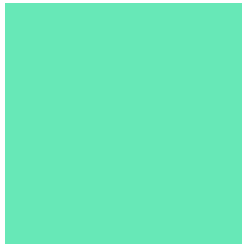
179, 0, 68



51, 0, 19

Previews

White Background



This preview shows how the RGB color 103, 232, 183 looks on a white background.

Color Contrast Check

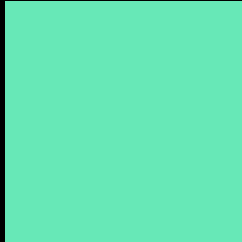
Large Text (above 18pt) WCAG AA × Fail

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 103, 232, 183 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

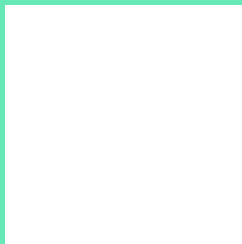
Any Text WCAG AAA ✓ Pass

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

RGB 103, 232, 183 Background



This preview shows how black text looks on a background with the RGB color 103, 232, 183.

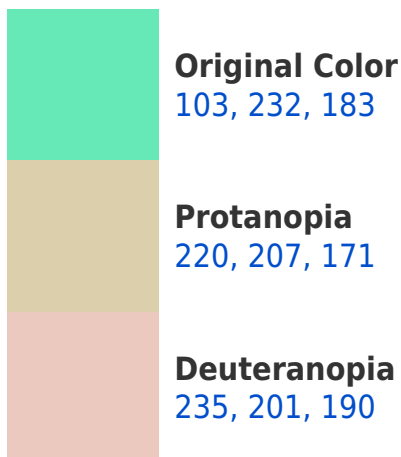


This preview shows how white text looks on a background with the RGB color 103, 232, 183.

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
122, 224, 242

Trichromacy



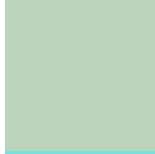
Original Color

103, 232, 183



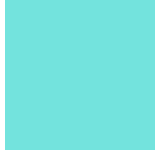
Protanomaly

177, 216, 175



Deuteranomaly

187, 212, 187



Tritanomaly

115, 227, 221

Monochromacy



Original Color

103, 232, 183



Achromatopsia

188, 188, 188



Achromatomaly

157, 204, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 232, 183 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(103, 232, 183)` looks like.

```
.text, #text, p{  
    color:rgb(103, 232, 183)  
}
```

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(103, 232, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 232, 183) }
```

Border

The CSS property to change the border of an element to RGB 103, 232, 183 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(103, 232, 183) }
```

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

```
.border{ border-color:rgb(103, 232, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 232, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 232, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 232, 183); box-shadow:4px 4px 4px 4px rgb(103, 232, 183) }
```

Background

The CSS property to change the background color of an element to RGB 103, 232, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 232, 183) }
```

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

```
.background{ background-color: rgb(103,  
232, 183) }
```

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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