

Converting Colors

RGB(101, 237, 203)

Have a look what the booklet for
RGB(101, 237, 203) contains.

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Color

RGB(101, 237, 203)

Conversions

Conversions Part 1

Format	Color
Hex	65EDCB
RGB	101, 237, 203
RGB Percent	40%, 93%, 80%
CMY	0.6039, 0.0706, 0.2039
CMYK	0.57, 0.00, 0.14, 0.07
HSL	165°, 79%, 66%
HSV	165°, 57%, 93%
XYZ	46.4305, 67.6469, 67.1099
YIQ	192.4600, -70.1420, -39.4060

Conversions

Conversions Part 2

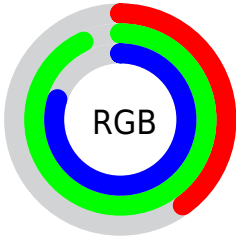
Format	Color
RYB	101, 179, 237
Decimal	6680011
CIELab	85.83, -45.14, 5.36
CIELCh	86, 45.454, 173.224
Yxy	67.6469, 0.2563, 0.3734
Android (android.graphics.Color)	4284870091 (0xFF65EDCB)
YUV	192.4600, 5.1962, -80.2104
Hunter-Lab	82.2477, -43.1666, 9.1958

Details

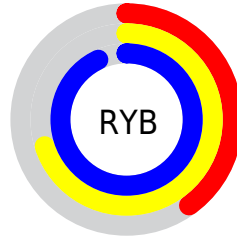
The RGB color **101, 237, 203** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **237, 101, 135**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **162, 255, 255**, and **21, 180, 149** is the 20% darker color. If you saturate the color by 10%, you get **77, 237, 197**, and if you desaturate by 10%, it is **125, 237, 209**.

Distribution



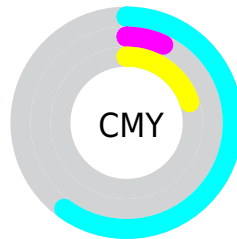
- Red (40%)
- Green (93%)
- Blue (80%)



- Red (40%)
- Yellow (70%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 237, 203 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 101, 237, 203 by changing the saturation by 10% instead.

 101, 237, 203

255, 255, 255

 162, 255, 255


 192, 255, 255

 223, 255, 255


253, 255, 255


 101, 237, 203

 68, 208, 176

 21, 180, 149

 0, 153, 123

 0, 126, 98

 0, 101, 75

 0, 76, 52

 0, 52, 31

 0, 29, 7

 0, 0, 0

 101, 237, 203

 101, 237, 203

 77, 237, 197

 125, 237, 209

 54, 237, 191

 148, 237, 215

 30, 237, 185

 172, 237, 221

 6, 237, 179

 196, 237, 227

 0, 237, 178

 219, 237, 233

 243, 237, 239

 255, 237, 244

 255, 237, 250

 255, 237, 255

Harmonies

Analogous

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



159, 232, 162



101, 237, 203



29, 237, 247

Triad

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



101, 237, 203



205, 207, 255



255, 194, 147

Complementary

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



101, 237, 203



237, 101, 135

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, 183, 183



101, 237, 203



255, 192, 255

Square

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



101, 237, 203



134, 222, 255



255, 182, 226



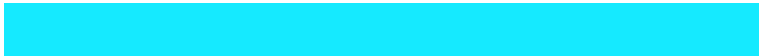
252, 209, 129

Rectangle

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



101, 237, 203



21, 234, 255



255, 182, 226



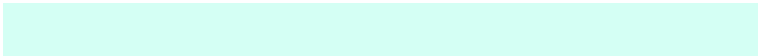
255, 189, 158

Sweetspot

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



101, 237, 203



212, 255, 244



135, 237, 101



102, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



101, 237, 203



79, 255, 211



101, 203, 237



106, 117, 114



0, 181, 136



0, 54, 40

Inverse Universe

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



237, 101, 135



255, 79, 123



237, 135, 101



117, 106, 109



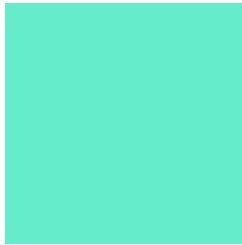
181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RGB color 101, 237, 203 looks on a white background.

Color Contrast Check

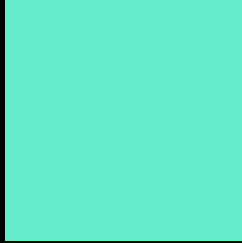
Large Text (above 18pt) WCAG AA × Fail

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 101, 237, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

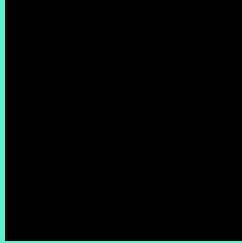
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

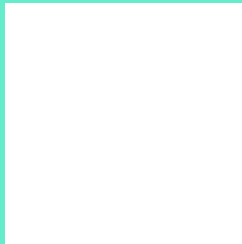
Any Text WCAG AAA ✓ Pass

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

RGB 101, 237, 203 Background



This preview shows how black text looks on a background with the RGB color 101, 237, 203.

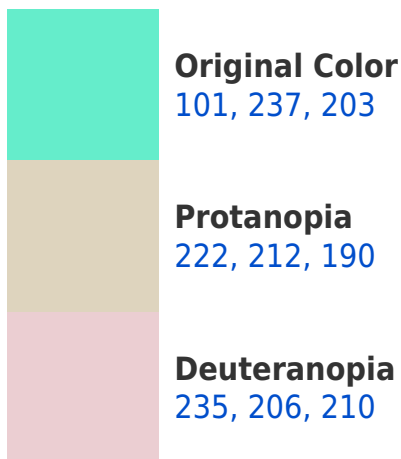


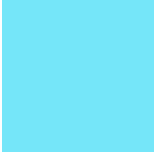
This preview shows how white text looks on a background with the RGB color 101, 237, 203.

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
117, 230, 249

Trichromacy



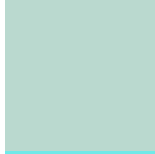
Original Color

101, 237, 203



Protanomaly

178, 221, 195



Deuteranomaly

186, 217, 207



Tritanomaly

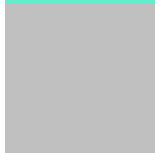
111, 233, 232

Monochromacy



Original Color

101, 237, 203



Achromatopsia

192, 192, 192



Achromatomaly

159, 208, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 237, 203 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(101, 237, 203)` looks like.

```
.text, #text, p{  
    color:rgb(101, 237, 203)  
}
```

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(101, 237, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 237, 203) }
```

Border

The CSS property to change the border of an element to RGB 101, 237, 203 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(101, 237, 203) }
```

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

```
.border{ border-color:rgb(101, 237, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 237, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 237, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 237, 203);  
box-shadow:4px 4px 4px 4px rgb(101, 237,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 101, 237, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 237, 203) }
```

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

```
.background{ background-color: rgb(101,  
237, 203) }
```

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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