

Converting Colors

RGB(107, 232, 233)

Have a look what the booklet for
RGB(107, 232, 233) contains.

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Color

RGB(107, 232, 233)

Conversions

Conversions Part 1

Format	Color
Hex	6BE8E9
RGB	107, 232, 233
RGB Percent	42%, 91%, 91%
CMY	0.5804, 0.0902, 0.0863
CMYK	0.54, 0.00, 0.00, 0.09
HSL	180°, 74%, 67%
HSV	180°, 54%, 91%
XYZ	49.6280, 66.7222, 87.3538
YIQ	194.7390, -74.8210, -26.1890

Conversions

Conversions Part 2

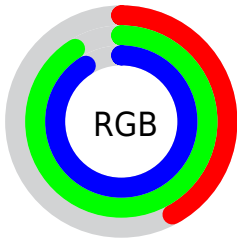
Format	Color
RYB	107, 170, 233
Decimal	7071977
CIELab	85.36, -34.29, -11.07
CIELCh	85, 36.032, 197.900
Yxy	66.7222, 0.2436, 0.3275
Android (android.graphics.Color)	4285262057 (0xFF6BE8E9)
YUV	194.7390, 18.8627, -76.9471
Hunter-Lab	81.6837, -34.4964, -6.2271

Details

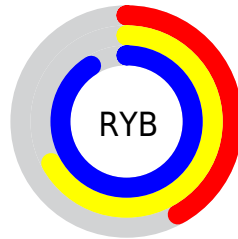
The RGB color **107, 232, 233** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **233, 108, 107**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **168, 255, 255**, and **33, 176, 177** is the 20% darker color. If you saturate the color by 10%, you get **84, 232, 233**, and if you desaturate by 10%, it is **130, 232, 233**.

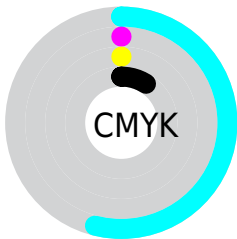
Distribution



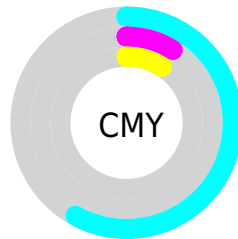
- Red (42%)
- Green (91%)
- Blue (91%)



- Red (42%)
- Yellow (67%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 232, 233 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 107, 232, 233 by changing the saturation by 10% instead.

 107, 232, 233

255, 255, 255


 168, 255, 255

 198, 255, 255

 229, 255, 255

 107, 232, 233

 74, 204, 205

 33, 176, 177

 0, 149, 151

 0, 123, 125

 0, 97, 100

 0, 73, 76

 0, 49, 53

 0, 28, 32

 0, 0, 8

■ 107, 232, 233

■ 107, 232, 233

■ 84, 232, 233

■ 130, 232, 233

■ 60, 232, 233

■ 154, 232, 233

■ 37, 231, 233

■ 177, 233, 233

■ 14, 231, 233

■ 200, 233, 233

■ 0, 231, 233

■ 224, 233, 233

■ 247, 233, 233

■ 255, 233, 233

■ 255, 233, 233

■ 255, 234, 233

Harmonies

Analogous

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



138, 231, 198



107, 232, 233



109, 229, 255

Triad

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



107, 232, 233



243, 198, 255



250, 206, 147

Complementary

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



107, 232, 233



233, 108, 107

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, 195, 164



107, 232, 233



255, 189, 229

Square

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



107, 232, 233



199, 209, 255



255, 188, 194



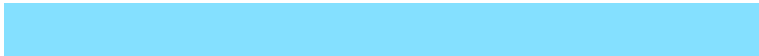
216, 218, 148

Rectangle

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



107, 232, 233



132, 224, 255



255, 188, 194



255, 203, 151

Sweetspot

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



107, 232, 233



214, 255, 255



107, 233, 107



103, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 232, 233



89, 254, 255



107, 170, 233



106, 117, 117



0, 180, 181



0, 53, 54

Inverse Universe

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



233, 107, 232



255, 89, 254



233, 170, 107



117, 106, 117



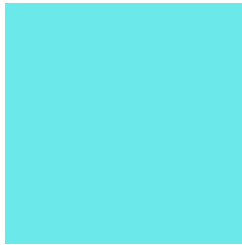
181, 0, 180



54, 0, 53

Previews

White Background



This preview shows how the RGB color 107, 232, 233 looks on a white background.

Color Contrast Check

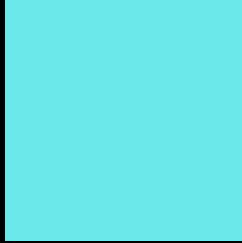
Large Text (above 18pt) WCAG AA × Fail

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 107, 232, 233 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 107, 232, 233 Background



This preview shows how black text looks on a background with the RGB color 107, 232, 233.

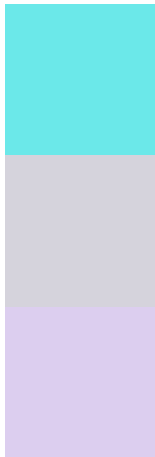


This preview shows how white text looks on a background with the RGB color 107, 232, 233.

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
107, 232, 233

Protanopia
213, 211, 220

Deuteranopia
220, 206, 239



Tritanopia
113, 230, 248

Trichromacy



Original Color

107, 232, 233



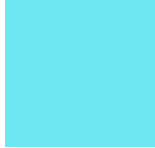
Protanomaly

174, 219, 225



Deuteranomaly

179, 215, 237



Tritanomaly

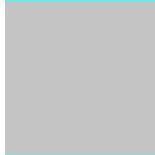
111, 231, 243

Monochromacy



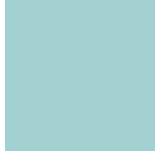
Original Color

107, 232, 233



Achromatopsia

195, 195, 195



Achromatomaly

163, 208, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 232, 233 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(107, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(107, 232, 233)  
}
```

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(107, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 232, 233) }
```

Border

The CSS property to change the border of an element to RGB 107, 232, 233 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(107, 232, 233) }
```

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

```
.border{ border-color:rgb(107, 232, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(107, 232,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 107, 232, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 232, 233) }
```

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

```
.background{ background-color: rgb(107,  
232, 233) }
```

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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