

Converting Colors

RGB(105, 226, 224)

Have a look what the booklet for
RGB(105, 226, 224) contains.

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Color

RGB(105, 226, 224)

Conversions

Conversions Part 1

Format	Color
Hex	69E2E0
RGB	105, 226, 224
RGB Percent	41%, 89%, 88%
CMY	0.5882, 0.1137, 0.1216
CMYK	0.54, 0.00, 0.01, 0.11
HSL	179°, 68%, 65%
HSV	179°, 54%, 89%
XYZ	46.4766, 62.7778, 80.1888
YIQ	189.5930, -71.4740, -26.2740

Conversions

Conversions Part 2

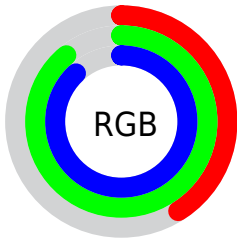
Format	Color
RYB	105, 166, 226
Decimal	6939360
CIELab	83.33, -34.21, -9.36
CIELCh	83, 35.470, 195.304
Yxy	62.7778, 0.2453, 0.3314
Android (android.graphics.Color)	4285129440 (0xFF69E2E0)
YUV	189.5930, 16.9627, -74.1881
Hunter-Lab	79.2324, -33.9512, -4.5429

Details

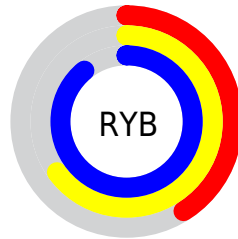
The RGB color **105, 226, 224** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **226, 105, 107**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **165, 255, 255**, and **32, 170, 169** is the 20% darker color. If you saturate the color by 10%, you get **82, 226, 224**, and if you desaturate by 10%, it is **128, 226, 224**.

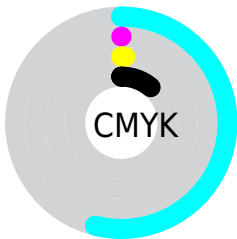
Distribution



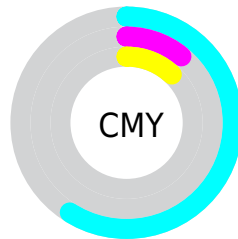
- Red (41%)
- Green (89%)
- Blue (88%)



- Red (41%)
- Yellow (65%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 105, 226, 224 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 105, 226, 224 by changing the saturation by 10% instead.


 105, 226, 224

 105, 226, 224

255, 255, 255

 73, 198, 196


 165, 255, 255

 32, 170, 169

 195, 255, 255

 0, 143, 142

 226, 255, 255

 0, 117, 117

 0, 92, 92

 0, 68, 69

 0, 45, 47

 0, 21, 26

 0, 0, 0

■ 105, 226, 224

■ 105, 226, 224

■ 82, 226, 224

■ 128, 226, 224

■ 60, 226, 223

■ 150, 226, 225

■ 37, 226, 223

■ 173, 226, 225

■ 15, 226, 223

■ 195, 226, 225

■ 0, 226, 222

■ 218, 226, 226

■ 241, 226, 226

■ 255, 226, 227

■ 255, 226, 227

■ 255, 226, 227

Harmonies

Analogous

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



137, 225, 190



105, 226, 224



103, 223, 254

Triad

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



105, 226, 224



233, 193, 255



246, 200, 143

Complementary

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



105, 226, 224



226, 105, 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, 189, 162



105, 226, 224



255, 184, 225

Square

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



105, 226, 224



189, 205, 255



255, 183, 192



214, 211, 143

Rectangle

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



105, 226, 224



124, 219, 255



255, 183, 192



254, 196, 148

Sweetspot

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



105, 226, 224



214, 255, 254



107, 226, 105



103, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



105, 226, 224



92, 255, 252



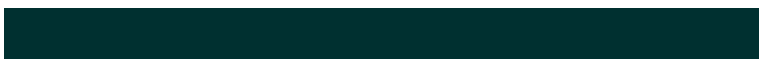
105, 168, 226



101, 112, 112



0, 176, 173



0, 48, 48

Inverse Universe

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



226, 105, 107



255, 92, 94



226, 163, 105



112, 101, 101



176, 0, 3



48, 0, 1

Previews

White Background



This preview shows how the RGB color 105, 226, 224 looks on a white background.

Color Contrast Check

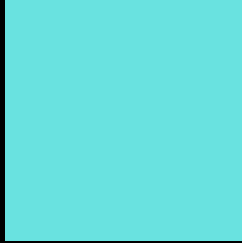
Large Text (above 18pt) WCAG AA × Fail

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 105, 226, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

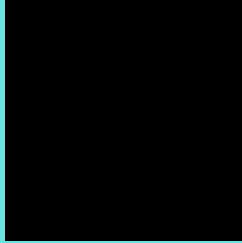
Any Text WCAG AA ✓ Pass

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 105, 226, 224 Background



This preview shows how black text looks on a background with the RGB color 105, 226, 224.

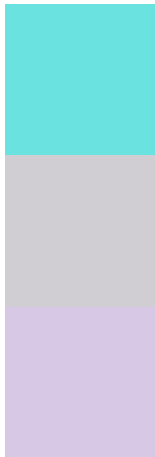


This preview shows how white text looks on a background with the RGB color 105, 226, 224.

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
105, 226, 224

Protanopia
208, 205, 211

Deuteranopia
215, 201, 229



Tritanopia
111, 223, 241

Trichromacy



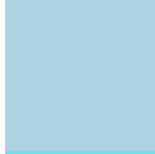
Original Color

105, 226, 224



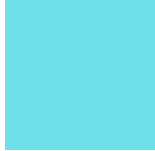
Protanomaly

171, 213, 216



Deuteranomaly

175, 210, 227



Tritanomaly

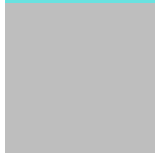
109, 224, 235

Monochromacy



Original Color

105, 226, 224



Achromatopsia

190, 190, 190



Achromatomaly

159, 203, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 226, 224 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(105, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(105, 226, 224)  
}
```

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(105, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 226, 224) }
```

Border

The CSS property to change the border of an element to RGB 105, 226, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

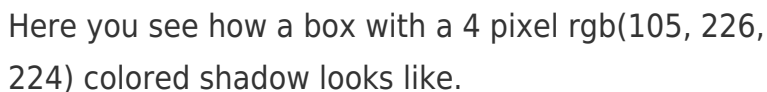
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 226, 224) }
```

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

```
.border{ border-color:rgb(105, 226, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(105, 226,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 105, 226, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 226, 224) }
```

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

```
.background{ background-color: rgb(105,  
226, 224) }
```

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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