

Converting Colors

RGB(105, 230, 192)

Have a look what the booklet for
RGB(105, 230, 192) contains.

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Color

RGB(105, 230, 192)

Conversions

Conversions Part 1

Format	Color
Hex	69E6C0
RGB	105, 230, 192
RGB Percent	41%, 90%, 75%
CMY	0.5882, 0.0980, 0.2471
CMYK	0.54, 0.00, 0.17, 0.10
HSL	162°, 71%, 66%
HSV	162°, 54%, 90%
XYZ	43.6369, 63.4027, 59.8072
YIQ	188.2930, -62.3020, -38.3180

Conversions

Conversions Part 2

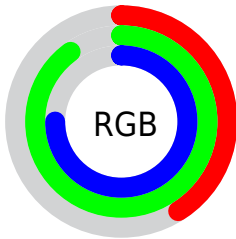
Format	Color
RYB	105, 179, 230
Decimal	6940352
CIELab	83.65, -43.82, 8.02
CIELCh	84, 44.548, 169.623
Yxy	63.4027, 0.2615, 0.3800
Android (android.graphics.Color)	4285130432 (0xFF69E6C0)
YUV	188.2930, 1.8276, -73.0480
Hunter-Lab	79.6258, -41.5226, 11.2051

Details

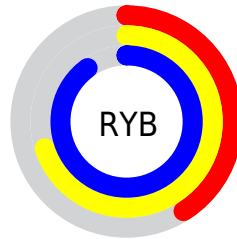
The RGB color **105, 230, 192** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **230, 105, 143**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **165, 255, 248**, and **36, 174, 139** is the 20% darker color. If you saturate the color by 10%, you get **82, 230, 185**, and if you desaturate by 10%, it is **128, 230, 199**.

Distribution



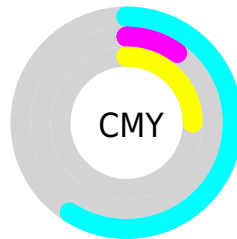
- Red (41%)
- Green (90%)
- Blue (75%)



- Red (41%)
- Yellow (70%)
- Blue (90%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 230, 192 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, 230, 192 by changing the saturation by 10% instead.

 105, 230, 192

255, 255, 255

 165, 255, 248


 194, 255, 255

 224, 255, 255


254, 255, 255

 105, 230, 192

 74, 202, 165

 36, 174, 139

 0, 147, 113

 0, 120, 89

 0, 95, 65

 0, 70, 43

 0, 47, 23

 0, 21, 0

 0, 0, 0

 105, 230, 192

 105, 230, 192

 82, 230, 185

 128, 230, 199

 59, 230, 178

 151, 230, 206

 36, 230, 171

 174, 230, 213

 13, 230, 164

 197, 230, 220

 0, 230, 160

 220, 230, 227

 243, 230, 234

 255, 230, 241

 255, 230, 248

 255, 230, 255

Harmonies

Analogous

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



160, 225, 153



105, 230, 192



36, 231, 235

Triad

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



105, 230, 192



192, 203, 255



255, 187, 146

Complementary

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



105, 230, 192



230, 105, 143

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, 177, 182



105, 230, 192



247, 188, 255

Square

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



105, 230, 192



121, 217, 255



255, 177, 225



249, 201, 126

Rectangle

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



105, 230, 192



6, 229, 255



255, 177, 225



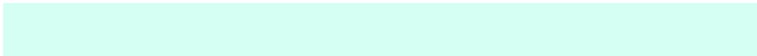
255, 183, 157

Sweetspot

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



105, 230, 192



214, 255, 243



145, 230, 105



103, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



105, 230, 192



89, 255, 205



105, 207, 230



103, 115, 111



0, 179, 124



0, 51, 35

Inverse Universe

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



230, 105, 143



255, 89, 140



230, 128, 105



115, 103, 107



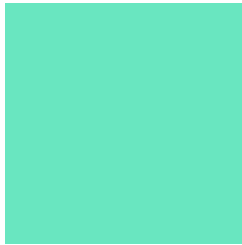
179, 0, 54



51, 0, 16

Previews

White Background



This preview shows how the RGB color 105, 230, 192 looks on a white background.

Color Contrast Check

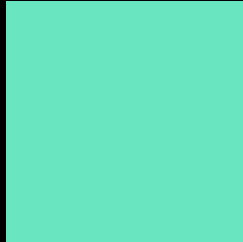
Large Text (above 18pt) WCAG AA × Fail

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, 230, 192 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

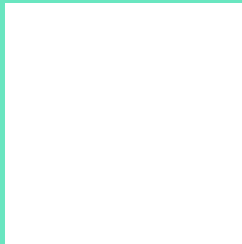
Any Text WCAG AAA ✓ Pass

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

RGB 105, 230, 192 Background



This preview shows how black text looks on a background with the RGB color 105, 230, 192.

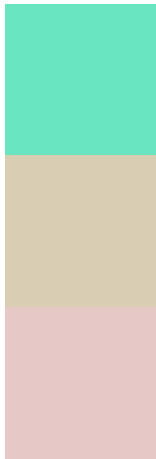


This preview shows how white text looks on a background with the RGB color 105, 230, 192.

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, 230, 192

Protanopia
217, 206, 180

Deuteranopia
230, 200, 198



Tritanopia
121, 223, 241

Trichromacy



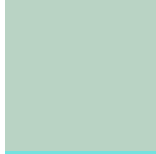
Original Color

105, 230, 192



Protanomaly

176, 215, 184



Deuteranomaly

185, 211, 196



Tritanomaly

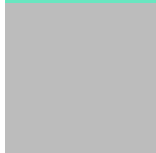
115, 226, 223

Monochromacy



Original Color

105, 230, 192



Achromatopsia

188, 188, 188



Achromatomaly

158, 203, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 230, 192 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, 230, 192)` looks like.

```
.text, #text, p{  
    color:rgb(105, 230, 192)  
}
```

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, 230, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 230, 192) }
```

Border

The CSS property to change the border of an element to RGB 105, 230, 192 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, 230, 192) }
```

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

```
.border{ border-color:rgb(105, 230, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 230, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 230, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 230, 192);  
box-shadow:4px 4px 4px 4px rgb(105, 230,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 105, 230, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 230, 192) }
```

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

```
.background{ background-color: rgb(105,  
230, 192) }
```

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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