

Converting Colors

RGB(112, 245, 218)

Have a look what the booklet for
RGB(112, 245, 218) contains.

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Color

RGB(112, 245, 218)

Conversions

Conversions Part 1

Format	Color
Hex	70F5DA
RGB	112, 245, 218
RGB Percent	44%, 96%, 85%
CMY	0.5608, 0.0392, 0.1451
CMYK	0.54, 0.00, 0.11, 0.04
HSL	168°, 87%, 70%
HSV	168°, 54%, 96%
XYZ	51.9894, 73.8115, 77.8366
YIQ	202.1550, -70.6010, -36.5930

Conversions

Conversions Part 2

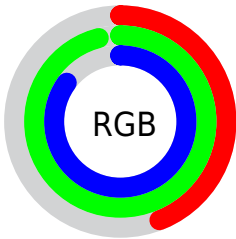
Format	Color
RYB	112, 186, 245
Decimal	7402970
CIELab	88.83, -42.96, 1.92
CIELCh	89, 43.000, 177.443
Yxy	73.8115, 0.2553, 0.3625
Android (android.graphics.Color)	4285593050 (0xFF70F5DA)
YUV	202.1550, 7.8116, -79.0659
Hunter-Lab	85.9136, -42.3322, 6.4236

Details

The RGB color **112, 245, 218** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 112, 139**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **173, 255, 255**, and **42, 188, 163** is the 20% darker color. If you saturate the color by 10%, you get **87, 245, 213**, and if you desaturate by 10%, it is **137, 245, 223**.

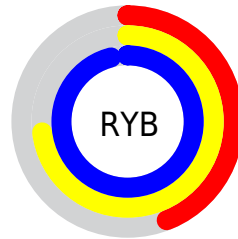
Distribution



Red (44%)

Green (96%)

Blue (85%)



Red (44%)

Yellow (73%)

Blue (96%)

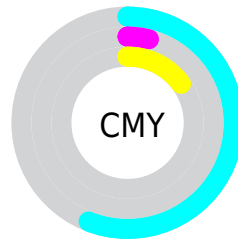


Cyan (54%)

Magenta (0%)

Yellow (11%)

Black (4%)



Cyan (56%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 245, 218 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 112, 245, 218 by changing the saturation by 10% instead.

 112, 245, 218

255, 255, 255


 173, 255, 255

 203, 255, 255

 233, 255, 255


 112, 245, 218


 80, 216, 190

 42, 188, 163


 0, 161, 137

 0, 134, 112

 0, 108, 87

 0, 83, 64

 0, 58, 42

 0, 37, 22

 0, 0, 0

■ 112, 245, 218

■ 112, 245, 218

■ 87, 245, 213

■ 137, 245, 223

■ 63, 245, 208

■ 161, 245, 228

■ 38, 245, 203

■ 186, 245, 233

■ 14, 245, 198

■ 210, 245, 238

■ 0, 245, 195

■ 235, 245, 243

■ 255, 245, 248

■ 255, 245, 253

■ 255, 245, 255

Harmonies

Analogous

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



164, 241, 178



112, 245, 218



71, 244, 255

Triad

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



112, 245, 218



223, 214, 255



255, 205, 155

Complementary

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



112, 245, 218



245, 112, 139

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, 194, 187



112, 245, 218



255, 200, 255

Square

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



112, 245, 218



160, 228, 255



255, 192, 228



254, 219, 141

Rectangle

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



112, 245, 218



78, 241, 255



255, 192, 228



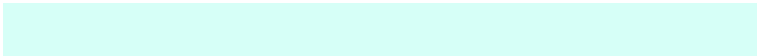
255, 201, 164

Sweetspot

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



112, 245, 218



214, 255, 247



141, 245, 112



103, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



112, 245, 218



89, 255, 221



112, 207, 245



110, 122, 120



0, 186, 148



0, 59, 47

Inverse Universe

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



245, 112, 139



255, 89, 123



245, 150, 112



122, 110, 113



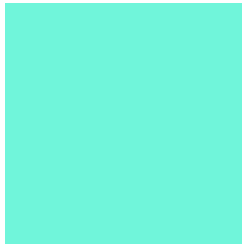
186, 0, 38



59, 0, 12

Previews

White Background



This preview shows how the RGB color 112, 245, 218 looks on a white background.

Color Contrast Check

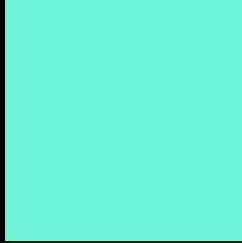
Large Text (above 18pt) WCAG AA × Fail

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 112, 245, 218 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 112, 245, 218 Background



This preview shows how black text looks on a background with the RGB color 112, 245, 218.

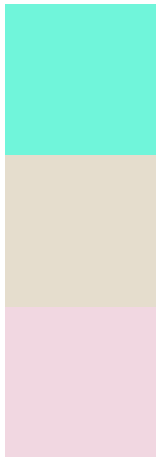


This preview shows how white text looks on a background with the RGB color 112, 245, 218.

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](#).

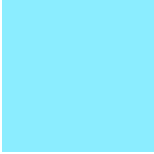
Dichromacy



Original Color
112, 245, 218

Protanopia
229, 221, 205

Deuteranopia
241, 215, 225



Tritanopia
139, 237, 255

Trichromacy



Original Color

112, 245, 218



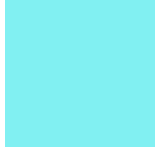
Protanomaly

186, 230, 210



Deuteranomaly

194, 226, 222



Tritanomaly

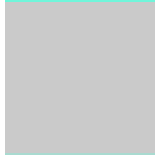
129, 240, 242

Monochromacy



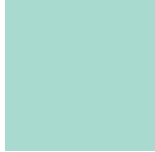
Original Color

112, 245, 218



Achromatopsia

202, 202, 202



Achromatomaly

169, 218, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 245, 218 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(112, 245, 218)` looks like.

```
.text, #text, p{  
    color:rgb(112, 245, 218)  
}
```

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(112, 245, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 245, 218) }
```

Border

The CSS property to change the border of an element to RGB 112, 245, 218 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(112, 245, 218) }
```

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

```
.border{ border-color:rgb(112, 245, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 245, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 245, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 245, 218);  
box-shadow:4px 4px 4px 4px rgb(112, 245,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 112, 245, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 245, 218) }
```

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

```
.background{ background-color: rgb(112,  
245, 218) }
```

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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