

Converting Colors

`RYB(108, 184, 245)`

Have a look what the booklet for
RYB(108, 184, 245) contains.

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Color

R_YB(108, 184, 245)

Conversions

Conversions Part 1

Format	Color
Hex	6CF5DA
RGB	108, 245, 218
RGB Percent	42%, 96%, 85%
CMY	0.5765, 0.0392, 0.1453
CMYK	0.56, 0.00, 0.11, 0.04
HSL	168°, 87%, 69%
HSV	168°, 56%, 96%
XYZ	51.4865, 73.5528, 77.7861
YIQ	200.9590, -72.9850, -37.4410

Conversions

Conversions Part 2

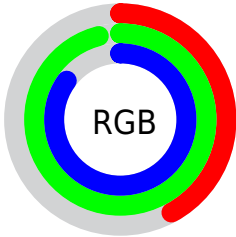
Format	Color
RYB	108, 184, 245
Decimal	7140826
CIELab	88.71, -43.75, 1.75
CIELCh	89, 43.786, 177.715
Yxy	73.5528, 0.2538, 0.3626
Android (android.graphics.Color)	4285330906 (0xFF6CF5DA)
YUV	200.9590, 8.4012, -81.5250
Hunter-Lab	85.7630, -42.9254, 6.2587

Details

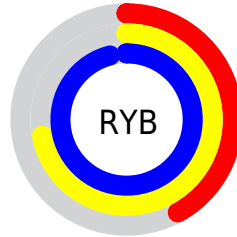
The RYB color **108, 184, 245** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **245, 108, 135**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **169, 212, 255**, and **33, 117, 188** is the 20% darker color. If you saturate the color by 10%, you get **84, 173, 245**, and if you desaturate by 10%, it is **132, 195, 245**.

Distribution



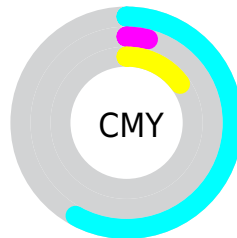
- Red (42%)
- Green (96%)
- Blue (85%)



- Red (42%)
- Yellow (72%)
- Blue (96%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 184, 245 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 RYB color 108, 184, 245 by changing the saturation by 10% instead.

 108, 184, 245


255, 255, 255


 169, 212, 255


 200, 228, 255

 230, 243, 255

 108, 184, 245

 75, 153, 216

 33, 117, 188

 0, 87, 161

 0, 73, 134

 0, 60, 108

 0, 47, 83


 0, 34, 58


 0, 23, 37


 0, 0, 0

 108, 184, 245


 108, 184, 245

 84, 173, 245


 132, 195, 245

 59, 162, 245

 157, 206, 245


 34, 151, 245

 182, 217, 245

 10, 140, 245

 206, 228, 245

 0, 136, 245

 231, 239, 245

 255, 245, 247

 255, 245, 252

 255, 245, 255

Harmonies

Analogous

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



161, 228, 241



108, 184, 245



63, 156, 255

Triad

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



108, 184, 245



223, 213, 255



251, 255, 153

Complementary

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



108, 184, 245



245, 108, 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, 194, 186



108, 184, 245



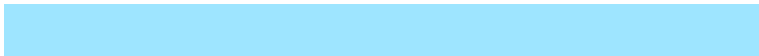
255, 199, 255

Square

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



108, 184, 245



158, 199, 255



255, 191, 228



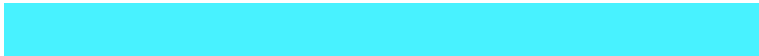
189, 254, 139

Rectangle

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



108, 184, 245



72, 160, 255



255, 191, 228



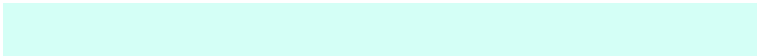
255, 225, 163

Sweetspot

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



108, 184, 245



212, 236, 255



108, 245, 218



102, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 184, 245



84, 179, 255



108, 164, 245



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



245, 108, 135



255, 84, 118



245, 167, 108



122, 110, 113



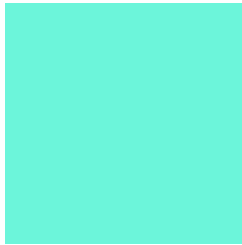
186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RYB color 108, 184, 245 looks on a white background.

Color Contrast Check

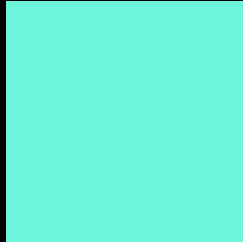
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 108, 184, 245 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](#).

RYB 108, 184, 245 Background



This preview shows how black text looks on a background with the RYB color 108, 184, 245.




This preview shows how white text looks on a background with the RYB color 108, 184, 245.

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
136, 191, 255

Trichromacy



Original Color

108, 184, 245



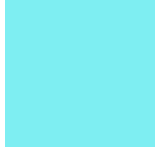
Protanomaly

185, 213, 229



Deuteranomaly

193, 210, 225



Tritanomaly

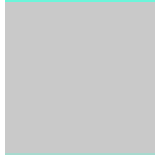
126, 183, 242

Monochromacy



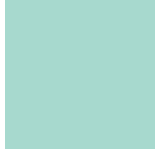
Original Color

108, 184, 245



Achromatopsia

201, 201, 201



Achromatomaly

167, 195, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 184, 245 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(108, 245, 218)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 245, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 245, 218) }
```

Border

The CSS property to change the border of an element to RYB 108, 184, 245 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(108, 245, 218) }
```

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

```
.border{ border-color:rgb(108, 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(108, 245, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 245, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 245, 218);  
box-shadow:4px 4px 4px 4px rgb(108, 245,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 108, 184, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 245, 218) }
```

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

```
.background{ background-color: rgb(108,  
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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