

Converting Colors

`RYB(165, 210, 239)`

Have a look what the booklet for
RYB(165, 210, 239) contains.

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Color

R_YB(165, 210, 239)

Conversions

Conversions Part 1

Format	Color
Hex	A5EFD5
RGB	165, 239, 213
RGB Percent	65%, 94%, 84%
CMY	0.3529, 0.0627, 0.1659
CMYK	0.31, 0.00, 0.11, 0.06
HSL	159°, 70%, 79%
HSV	159°, 31%, 94%
XYZ	58.3543, 74.5206, 74.0523
YIQ	213.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

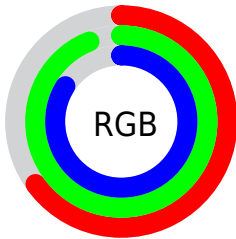
Format	Color
RYB	165, 210, 239
Decimal	10874837
CIELab	89.17, -28.35, 5.44
CIELCh	89, 28.868, 169.135
Yxy	74.5206, 0.2820, 0.3601
Android (android.graphics.Color)	4289064917 (0xFFA5EFD5)
YUV	213.9100, -0.4486, -42.8941
Hunter-Lab	86.3253, -30.4067, 9.5671

Details

The RYB color **165, 210, 239** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **239, 165, 191**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **222, 239, 255**, and **111, 155, 183** is the 20% darker color. If you saturate the color by 10%, you get **141, 201, 239**, and if you desaturate by 10%, it is **189, 219, 239**.

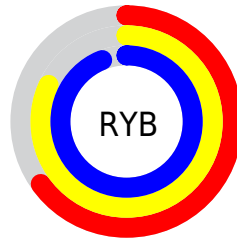
Distribution



Red (65%)

Green (94%)

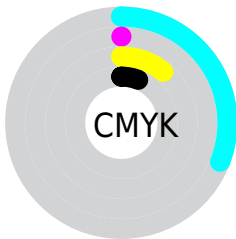
Blue (84%)



Red (65%)

Yellow (82%)

Blue (94%)

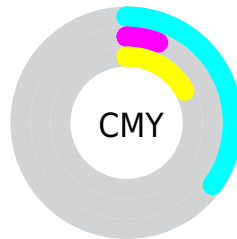


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 210, 239 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 165, 210, 239 by changing the saturation by 10% instead.

 165, 210, 239


255, 255, 255


 222, 239, 255

 251, 253, 255

 165, 210, 239

 138, 182, 211


 111, 155, 183

 84, 127, 156

 57, 99, 129

 29, 73, 104

 0, 45, 79


 0, 33, 56

 0, 24, 35


 0, 0, 0

 165, 210, 239


 165, 210, 239

 141, 201, 239


 189, 219, 239

 117, 191, 239


 213, 229, 239

 93, 182, 239


 237, 238, 239

 69, 172, 239

 255, 239, 247

 46, 164, 239

 255, 239, 255

 22, 154, 239

 0, 145, 239

Harmonies

Analogous

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



187, 235, 227



165, 210, 239



146, 193, 241

Triad

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



165, 210, 239



215, 219, 255



255, 226, 183

Complementary

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



165, 210, 239



239, 165, 191

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, 205, 207



165, 210, 239



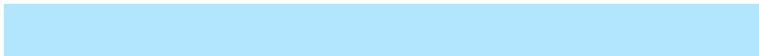
250, 211, 255

Square

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



165, 210, 239



178, 209, 255



255, 205, 235



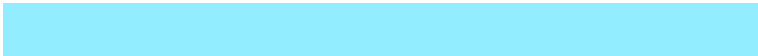
230, 254, 170

Rectangle

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



165, 210, 239



146, 196, 255



255, 205, 235



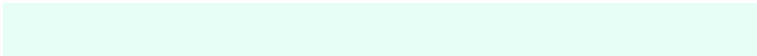
255, 215, 190

Sweetspot

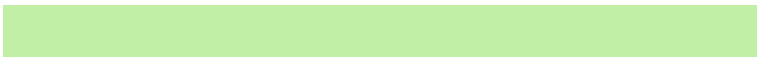
The Sweet Spot groups the original color and five complimentary colors.



165, 210, 239



232, 246, 255



165, 239, 212



113, 122, 128



0, 0, 0



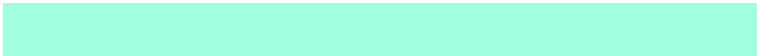
128, 128, 128

Same Dimension

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



165, 210, 239



161, 218, 255



165, 199, 239



108, 115, 120



0, 112, 184



0, 34, 56

Inverse Universe

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



239, 165, 191



255, 161, 194



239, 177, 165



120, 108, 112



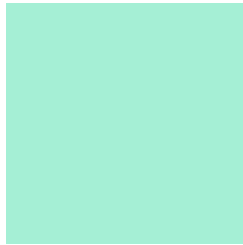
184, 0, 65



56, 0, 20

Previews

White Background



This preview shows how the RYB color 165, 210, 239 looks on a white background.

Color Contrast Check

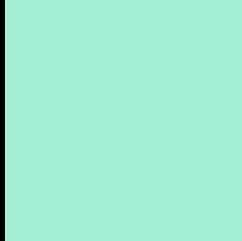
Large Text (above 18pt) WCAG AA × Fail

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 165, 210, 239 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 165, 210, 239 Background



This preview shows how black text looks on a background with the RYB color 165, 210, 239.

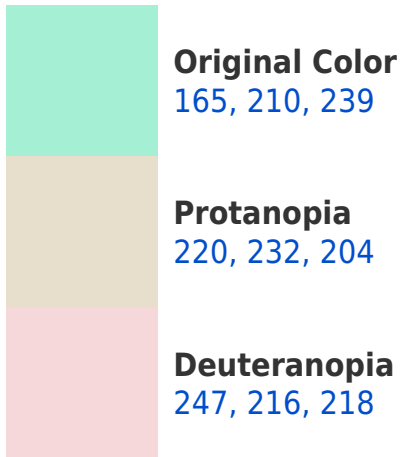


This preview shows how white text looks on a background with the RYB color 165, 210, 239.

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





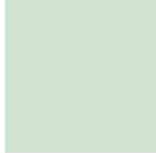
Tritanopia
174, 208, 252

Trichromacy



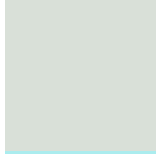
Original Color

165, 210, 239



Protanomaly

207, 228, 227



Deuteranomaly

216, 224, 223



Tritanomaly

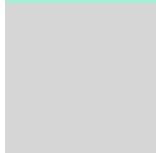
171, 204, 238

Monochromacy



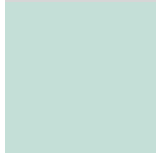
Original Color

165, 210, 239



Achromatopsia

214, 214, 214



Achromatomaly

196, 212, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 210, 239 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(165, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(165, 239, 213)  
}
```

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(165, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 239, 213) }
```

Border

The CSS property to change the border of an element to RYB 165, 210, 239 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(165, 239, 213) }
```

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

```
.border{ border-color:rgb(165, 239, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 239, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 239, 213);  
box-shadow:4px 4px 4px 4px rgb(165, 239,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 165, 210, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 239, 213) }
```

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

```
.background{ background-color: rgb(165,  
239, 213) }
```

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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