

Converting Colors

`RYB(165, 215, 235)`

Have a look what the booklet for
RYB(165, 215, 235) contains.

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Color

R_YB(165, 215, 235)

Conversions

Conversions Part 1

Format	Color
Hex	A5EBC1
RGB	165, 235, 193
RGB Percent	65%, 92%, 76%
CMY	0.3529, 0.0784, 0.2431
CMYK	0.30, 0.00, 0.18, 0.08
HSL	144°, 64%, 78%
HSV	144°, 30%, 92%
XYZ	54.8510, 71.2662, 61.3169
YIQ	209.2820, -28.2380, -27.9020

Conversions

Conversions Part 2

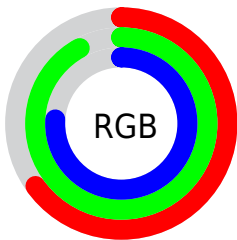
Format	Color
RYB	165, 215, 235
Decimal	10873793
CIELab	87.61, -30.33, 13.49
CIELCh	88, 33.196, 156.031
Yxy	71.2662, 0.2926, 0.3802
Android (android.graphics.Color)	4289063873 (0xFFA5EBC1)
YUV	209.2820, -8.0270, -38.8353
Hunter-Lab	84.4193, -31.7544, 16.0290

Details

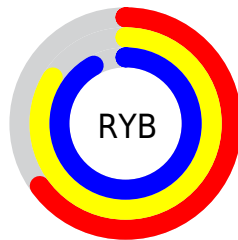
The RYB color **165, 215, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 165, 207**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **221, 240, 255**, and **111, 159, 179** is the 20% darker color. If you saturate the color by 10%, you get **142, 209, 235**, and if you desaturate by 10%, it is **189, 222, 235**.

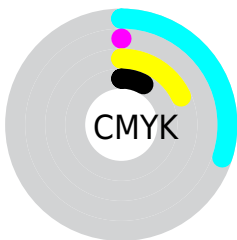
Distribution



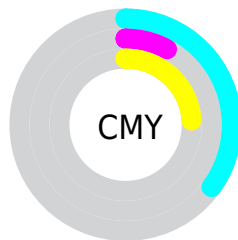
- Red (65%)
- Green (92%)
- Blue (76%)



- Red (65%)
- Yellow (84%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (35%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 215, 235 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, 215, 235 by changing the saturation by 10% instead.

 165, 215, 235


255, 255, 255


 221, 240, 255


 250, 253, 255

 165, 215, 235

 138, 187, 207


 111, 159, 179


 85, 132, 152

 59, 105, 126

 32, 77, 100

 0, 49, 76

 0, 37, 53

 0, 33, 33

 0, 0, 0

 165, 215, 235


 165, 215, 235

 142, 209, 235


 189, 222, 235

 118, 201, 235


 212, 229, 235

 95, 195, 235


 236, 235, 235

 71, 188, 235

 255, 235, 249

 48, 181, 235

 255, 235, 255

 24, 175, 235

 1, 168, 235

 0, 168, 235

Harmonies

Analogous

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



168, 229, 196



165, 215, 235



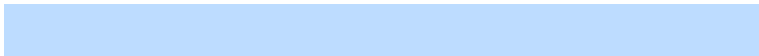
134, 189, 237

Triad

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



165, 215, 235



189, 210, 255



255, 205, 184

Complementary

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



165, 215, 235



235, 165, 207

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, 196, 214



165, 215, 235



233, 209, 255

Square

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



165, 215, 235



146, 193, 255



255, 200, 246



255, 255, 163

Rectangle

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



165, 215, 235



123, 182, 246



255, 200, 246



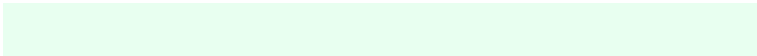
255, 198, 193

Sweetspot

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



165, 215, 235



232, 249, 255



165, 235, 193



113, 124, 128



0, 0, 0



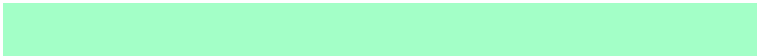
128, 128, 128

Same Dimension

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



165, 215, 235



163, 229, 255



165, 202, 235



106, 114, 117



0, 129, 181



0, 39, 54

Inverse Universe

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



235, 165, 207



255, 163, 218



235, 165, 172



117, 106, 113



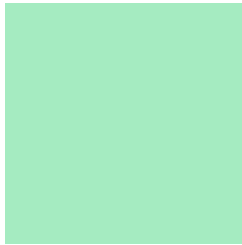
181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RYB color 165, 215, 235 looks on a white background.

Color Contrast Check

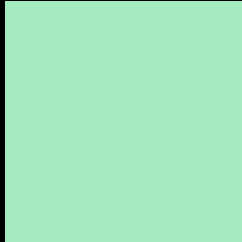
Large Text (above 18pt) WCAG AA × Fail

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, 215, 235 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](#).

RYP 165, 215, 235 Background



This preview shows how black text looks on a background with the RYB color 165, 215, 235.



This preview shows how white text looks on a background with the RYB color 165, 215, 235.

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
165, 215, 235

Protanopia
201, 230, 185

Deuteranopia
247, 216, 198



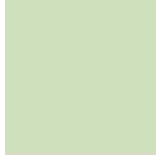
Tritanopia
176, 206, 246

Trichromacy



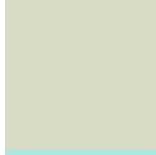
Original Color

165, 215, 235



Protanomaly

188, 224, 206



Deuteranomaly

196, 220, 199



Tritanomaly

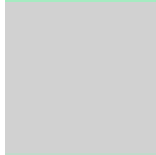
172, 203, 231

Monochromacy



Original Color

165, 215, 235



Achromatopsia

209, 209, 209



Achromatomaly

193, 211, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 215, 235 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, 235, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 193)  
}
```

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, 235, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 193) }
```

Border

The CSS property to change the border of an element to RYB 165, 215, 235 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, 235, 193) }
```

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

```
.border{ border-color:rgb(165, 235, 193) }
```

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

Here you see how a box with a 4 pixel rgb(165, 235, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 235, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 235, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 235,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 165, 215, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 193) }
```

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

```
.background{ background-color: rgb(165,  
235, 193) }
```

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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