

Converting Colors

`RYB(165, 205, 223)`

Have a look what the booklet for
RYB(165, 205, 223) contains.

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Color

R_YB(165, 205, 223)

Conversions

Conversions Part 1

Format	Color
Hex	A5DFBF
RGB	165, 223, 191
RGB Percent	65%, 87%, 75%
CMY	0.3529, 0.1255, 0.2506
CMYK	0.26, 0.00, 0.14, 0.13
HSL	147°, 48%, 76%
HSV	147°, 26%, 87%
XYZ	51.3197, 64.5407, 59.1007
YIQ	202.0100, -24.2960, -22.2480

Conversions

Conversions Part 2

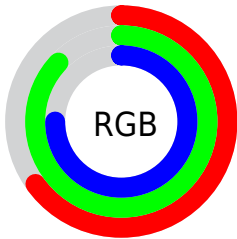
Format	Color
RYB	165, 205, 223
Decimal	10870719
CIELab	84.25, -24.95, 9.69
CIELCh	84, 26.766, 158.767
Yxy	64.5407, 0.2933, 0.3689
Android (android.graphics.Color)	4289060799 (0xFFA5DFBF)
YUV	202.0100, -5.4279, -32.4578
Hunter-Lab	80.3372, -26.5637, 12.6189

Details

The RYB color **165, 205, 223** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **223, 165, 197**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **221, 240, 255**, and **112, 150, 168** is the 20% darker color. If you saturate the color by 10%, you get **143, 198, 223**, and if you desaturate by 10%, it is **187, 212, 223**.

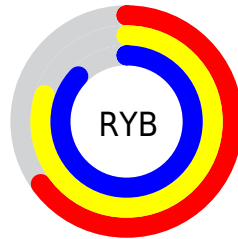
Distribution



Red (65%)

Green (87%)

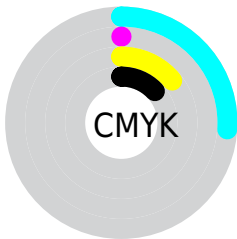
Blue (75%)



Red (65%)

Yellow (80%)

Blue (87%)

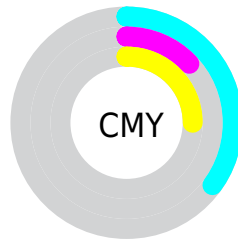


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 205, 223 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, 205, 223 by changing the saturation by 10% instead.

 165, 205, 223


255, 255, 255


 221, 240, 255


 250, 253, 255

 165, 205, 223

 138, 177, 195

 112, 150, 168

 86, 123, 141

 61, 97, 115

 36, 72, 90

 7, 45, 67


 0, 29, 44

 0, 23, 23


 0, 0, 0

 165, 205, 223


 165, 205, 223

 143, 198, 223


 187, 212, 223

 120, 191, 223


 210, 219, 223

 98, 184, 223


 232, 223, 228

 76, 177, 223


 254, 223, 240


 54, 171, 223

 255, 223, 252

 31, 163, 223

 255, 223, 255

 9, 157, 223

 0, 154, 223

Harmonies

Analogous

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



170, 218, 195



165, 205, 223



144, 187, 225

Triad

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



165, 205, 223



190, 205, 255



255, 199, 180

Complementary

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



165, 205, 223



223, 165, 197

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, 192, 204



165, 205, 223



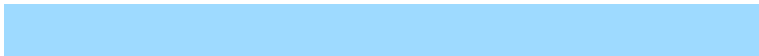
224, 201, 250

Square

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



165, 205, 223



158, 195, 255



249, 194, 229



245, 236, 164

Rectangle

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



165, 205, 223



138, 183, 233



249, 194, 229



255, 195, 187

Sweetspot

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



165, 205, 223



235, 249, 255



165, 223, 191



115, 124, 128



0, 0, 0



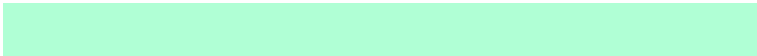
128, 128, 128

Same Dimension

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



165, 205, 223



176, 230, 255



165, 195, 223



101, 109, 112



0, 121, 176



0, 33, 48

Inverse Universe

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



223, 165, 197



255, 176, 219



223, 165, 168



112, 101, 107



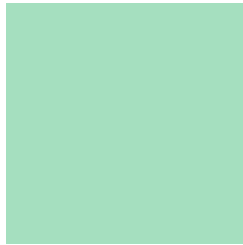
176, 0, 97



48, 0, 27

Previews

White Background



This preview shows how the RYB color 165, 205, 223 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, 205, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

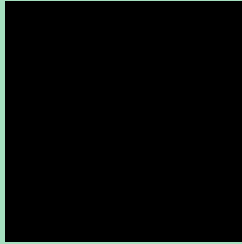
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

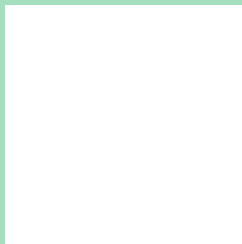
Any Text WCAG AAA ✓ Pass

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

RYB 165, 205, 223 Background



This preview shows how black text looks on a background with the RYB color 165, 205, 223.

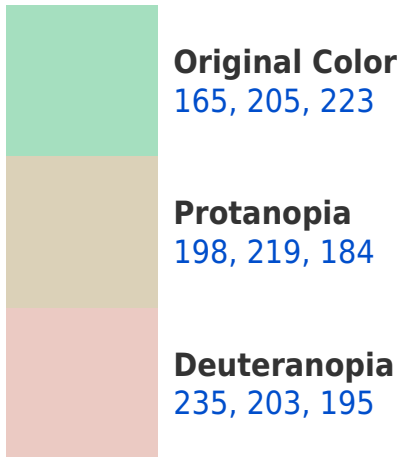


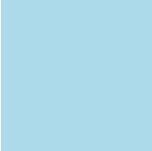
This preview shows how white text looks on a background with the RYB color 165, 205, 223.

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
173, 199, 234

Trichromacy



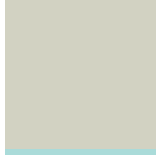
Original Color

165, 205, 223



Protanomaly

187, 214, 202



Deuteranomaly

194, 210, 194



Tritanomaly

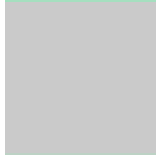
170, 195, 219

Monochromacy



Original Color

165, 205, 223



Achromatopsia

202, 202, 202



Achromatomaly

189, 204, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 205, 223 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, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 223, 191)  
}
```

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, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 223, 191) }
```

Border

The CSS property to change the border of an element to RYB 165, 205, 223 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, 223, 191) }
```

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

```
.border{ border-color:rgb(165, 223, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 223, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 223,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 165, 205, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 223, 191) }
```

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

```
.background{ background-color: rgb(165,  
223, 191) }
```

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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