

Converting Colors

`RYB(165, 206, 210)`

Have a look what the booklet for
RYB(165, 206, 210) contains.

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Color

R_YB(165, 206, 210)

Conversions

Conversions Part 1

Format	Color
Hex	A5D2A9
RGB	165, 210, 169
RGB Percent	65%, 82%, 66%
CMY	0.3529, 0.1765, 0.3357
CMYK	0.21, 0.00, 0.19, 0.18
HSL	126°, 33%, 74%
HSV	126°, 21%, 82%
XYZ	45.7618, 56.9718, 46.3132
YIQ	191.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

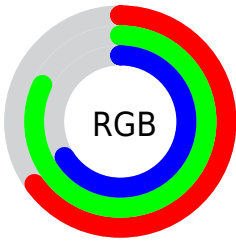
Format	Color
RYB	165, 206, 210
Decimal	10867369
CIELab	80.16, -22.61, 15.39
CIElCh	80, 27.354, 145.765
Yxy	56.9718, 0.3070, 0.3822
Android (android.graphics.Color)	4289057449 (0xFFA5D2A9)
YUV	191.8710, -11.2754, -23.5659
Hunter-Lab	75.4796, -23.8685, 16.4563

Details

The RYB color **165, 206, 210** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **210, 165, 206**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **221, 252, 255**, and **112, 151, 155** is the 20% darker color. If you saturate the color by 10%, you get **144, 205, 210**, and if you desaturate by 10%, it is **186, 208, 210**.

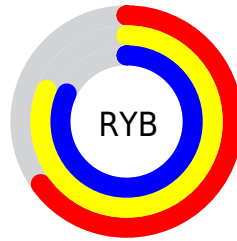
Distribution



Red (65%)

Green (82%)

Blue (66%)



Red (65%)

Yellow (81%)

Blue (82%)

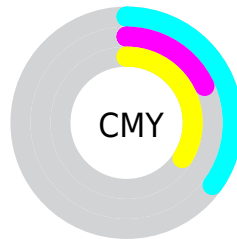


Cyan (21%)

Magenta (0%)

Yellow (19%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 206, 210 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, 206, 210 by changing the saturation by 10% instead.

 165, 206, 210


255, 255, 255


 221, 251, 255

 249, 253, 255

 165, 206, 210

 138, 178, 182

 112, 151, 155

 87, 125, 129

 63, 99, 104

 39, 74, 80

 15, 48, 56

 0, 35, 35

 0, 1, 1

 0, 0, 0

 165, 206, 210

 165, 206, 210

 144, 205, 210


 186, 208, 210

 123, 203, 210


 207, 210, 210

 102, 200, 210


 228, 210, 226


 81, 198, 210

 249, 210, 245

 60, 196, 210

 255, 210, 255

 39, 195, 210

 18, 193, 210

 0, 192, 210

Harmonies

Analogous

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



152, 204, 162



165, 206, 210



139, 181, 213

Triad

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



165, 206, 210



163, 190, 249



251, 182, 178

Complementary

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



165, 206, 210



210, 165, 206

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.



247, 181, 203



165, 206, 210



198, 194, 245

Square

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



165, 206, 210



134, 178, 240



228, 185, 228



241, 205, 158

Rectangle

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



165, 206, 210



127, 170, 213



228, 185, 228



251, 181, 186

Sweetspot

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



165, 206, 210



240, 254, 255



165, 210, 169



119, 128, 128



0, 0, 0



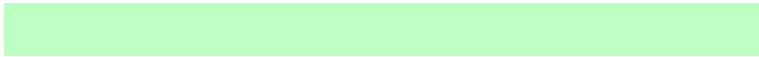
128, 128, 128

Same Dimension

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



165, 206, 210



189, 250, 255



165, 194, 210



94, 104, 105



0, 153, 168



0, 37, 41

Inverse Universe

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



210, 165, 206



255, 189, 249



210, 165, 184



105, 94, 104



168, 0, 152



41, 0, 37

Previews

White Background



This preview shows how the RYB color 165, 206, 210 looks on a white background.

Color Contrast Check

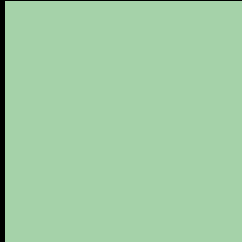
Large Text (above 18pt) WCAG AA × Fail

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, 206, 210 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, 206, 210 Background



This preview shows how black text looks on a background with the RYB color 165, 206, 210.

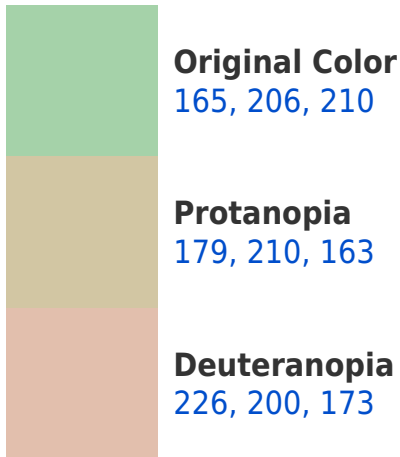


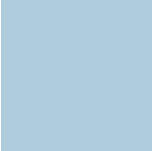
This preview shows how white text looks on a background with the RYB color 165, 206, 210.

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, 192, 219

Trichromacy



Original Color
165, 206, 210

Protanomaly
165, 202, 173

Deuteranomaly
179, 204, 172

Tritanomaly
171, 190, 206

Monochromacy



Original Color
165, 206, 210

Achromatopsia
192, 192, 192

Achromatomaly
182, 197, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 206, 210 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, 210, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 169)  
}
```

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, 210, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 169) }
```

Border

The CSS property to change the border of an element to RYB 165, 206, 210 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, 210, 169) }
```

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

```
.border{ border-color:rgb(165, 210, 169) }
```

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

Here you see how a box with a 4 pixel rgb(165, 210, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(165, 210,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 165, 206, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 169) }
```

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

```
.background{ background-color: rgb(165,  
210, 169) }
```

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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