

Converting Colors

`RYB(163, 205, 218)`

Have a look what the booklet for
RYB(163, 205, 218) contains.

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Color

R_YB(163, 205, 218)

Conversions

Conversions Part 1

Format	Color
Hex	A3DAB4
RGB	163, 218, 180
RGB Percent	64%, 85%, 71%
CMY	0.3608, 0.1451, 0.2940
CMYK	0.25, 0.00, 0.17, 0.15
HSL	139°, 43%, 75%
HSV	139°, 25%, 85%
XYZ	48.4163, 61.2256, 52.4586
YIQ	197.2230, -20.5820, -23.4780

Conversions

Conversions Part 2

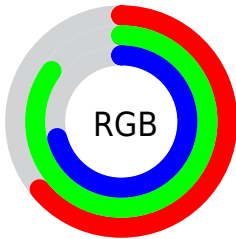
Format	Color
RYB	163, 205, 218
Decimal	10738356
CIELab	82.50, -25.25, 13.04
CIElCh	82, 28.416, 152.688
Yxy	61.2256, 0.2987, 0.3777
Android (android.graphics.Color)	4288928436 (0xFFA3DAB4)
YUV	197.2230, -8.4909, -30.0136
Hunter-Lab	78.2468, -26.4825, 15.0232

Details

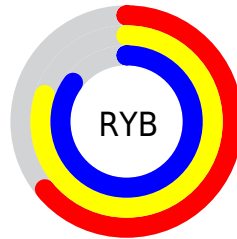
The RYB color **163, 205, 218** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **218, 163, 201**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **219, 243, 255**, and **110, 150, 163** is the 20% darker color. If you saturate the color by 10%, you get **141, 200, 218**, and if you desaturate by 10%, it is **185, 210, 218**.

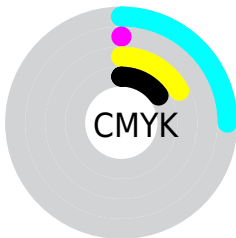
Distribution



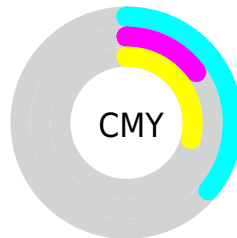
- Red (64%)
- Green (85%)
- Blue (71%)



- Red (64%)
- Yellow (80%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 205, 218 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 163, 205, 218 by changing the saturation by 10% instead.

 163, 205, 218


255, 255, 255


 219, 243, 255

 248, 252, 255

 163, 205, 218

 136, 177, 190

 110, 150, 163


 85, 123, 136

 60, 98, 111

 35, 72, 86

 7, 44, 62


 0, 31, 40

 0, 16, 16


 0, 0, 0

 163, 205, 218


 163, 205, 218

 141, 200, 218


 185, 210, 218

 119, 194, 218


 207, 216, 218

 98, 190, 218


 228, 218, 225


 76, 184, 218


 250, 218, 240

 54, 179, 218

 255, 218, 255

 32, 174, 218

 10, 168, 218

 0, 167, 218

Harmonies

Analogous

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



160, 212, 178



163, 205, 218



137, 182, 220

Triad

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



163, 205, 218



176, 198, 255



255, 189, 178

Complementary

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



163, 205, 218



218, 163, 201

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, 186, 204



163, 205, 218



213, 198, 250

Square

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



163, 205, 218



142, 186, 252



242, 190, 230



246, 220, 159

Rectangle

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



163, 205, 218



128, 175, 225



242, 190, 230



255, 187, 186

Sweetspot

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



163, 205, 218



235, 250, 255



163, 218, 179



115, 125, 128



0, 0, 0



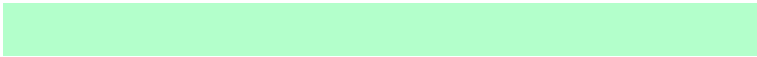
128, 128, 128

Same Dimension

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



163, 205, 218



179, 237, 255



163, 194, 218



99, 108, 110



0, 132, 173



0, 35, 46

Inverse Universe

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



218, 163, 201



255, 179, 231



218, 163, 174



110, 99, 106



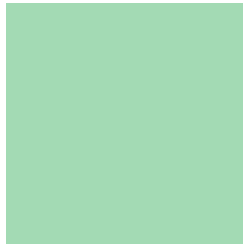
173, 0, 120



46, 0, 32

Previews

White Background



This preview shows how the RYB color 163, 205, 218 looks on a white background.

Color Contrast Check

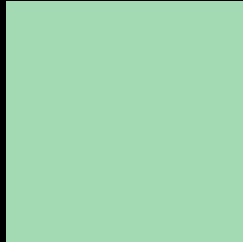
Large Text (above 18pt) WCAG AA × Fail

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 163, 205, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

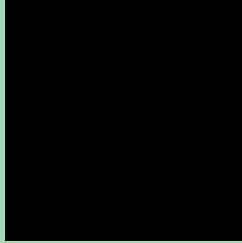
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

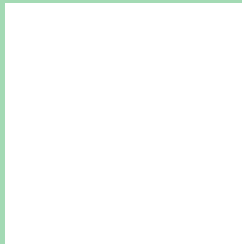
Any Text WCAG AAA ✓ Pass

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

RYB 163, 205, 218 Background



This preview shows how black text looks on a background with the RYB color 163, 205, 218.

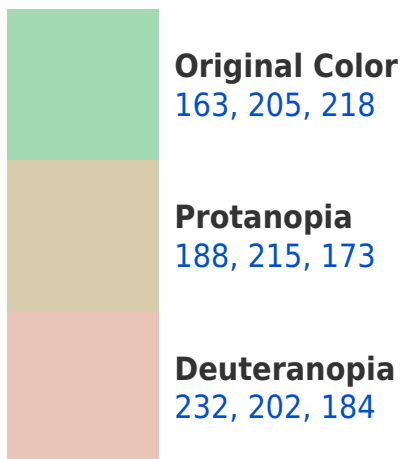


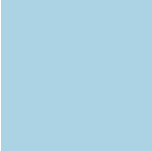
This preview shows how white text looks on a background with the RYB color 163, 205, 218.

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



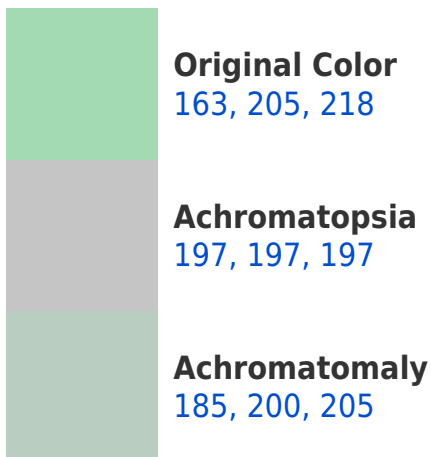


Tritanopia
172, 195, 228

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 205, 218 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(163, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(163, 218, 180)  
}
```

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(163, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 218, 180) }
```

Border

The CSS property to change the border of an element to RYB 163, 205, 218 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(163, 218, 180) }
```

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

```
.border{ border-color:rgb(163, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 218, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 218, 180); box-shadow:4px 4px 4px 4px rgb(163, 218, 180) }
```

Background

The CSS property to change the background color of an element to RYB 163, 205, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 218, 180) }
```

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

```
.background{ background-color: rgb(163,  
218, 180) }
```

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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