

Converting Colors

`RYB(175, 200, 219)`

Have a look what the booklet for
RYB(175, 200, 219) contains.

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Color

R_YB(175, 200, 219)

Conversions

Conversions Part 1

Format	Color
Hex	AFDBD0
RGB	175, 219, 208
RGB Percent	69%, 86%, 82%
CMY	0.3137, 0.1412, 0.1826
CMYK	0.20, 0.00, 0.05, 0.14
HSL	166°, 38%, 77%
HSV	166°, 20%, 86%
XYZ	54.4501, 64.3528, 69.5102
YIQ	204.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

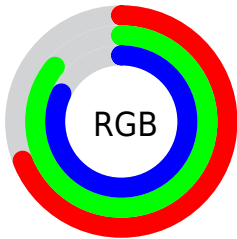
Format	Color
RYB	175, 200, 219
Decimal	11525072
CIELab	84.15, -16.41, 0.46
CIElCh	84, 16.420, 178.393
Yxy	64.3528, 0.2891, 0.3417
Android (android.graphics.Color)	4289715152 (0xFFAFDBD0)
YUV	204.5900, 1.6811, -25.9504
Hunter-Lab	80.2202, -19.2269, 4.7797

Details

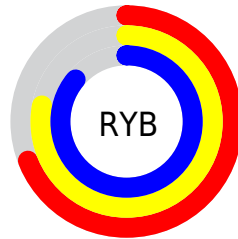
The RYB color **175, 200, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **219, 175, 186**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **231, 243, 255**, and **122, 146, 164** is the 20% darker color. If you saturate the color by 10%, you get **153, 191, 219**, and if you desaturate by 10%, it is **197, 209, 219**.

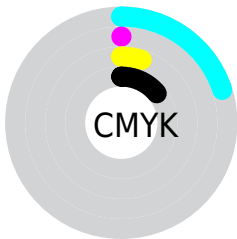
Distribution



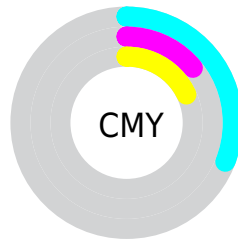
- Red (69%)
- Green (86%)
- Blue (82%)



- Red (69%)
- Yellow (78%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 200, 219 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 175, 200, 219 by changing the saturation by 10% instead.


 175, 200, 219


255, 255, 255

 231, 243, 255


 175, 200, 219

 148, 172, 191

 122, 146, 164


 96, 120, 138

 72, 95, 112

 48, 71, 88

 24, 46, 64


 0, 23, 42

 0, 15, 23


 0, 0, 0

 175, 200, 219

 175, 200, 219

 153, 191, 219


 197, 209, 219

 131, 181, 219


 219, 219, 219

 109, 171, 219


 241, 219, 224

 87, 162, 219


 255, 219, 229

 66, 153, 219

 255, 219, 235

 44, 143, 219

 255, 219, 240

 22, 134, 219

 255, 219, 245

 0, 125, 219

 255, 219, 250

 255, 219, 255

Harmonies

Analogous

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



189, 214, 217



175, 200, 219



170, 196, 224

Triad

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



175, 200, 219



212, 206, 237



236, 217, 184

Complementary

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



175, 200, 219



219, 175, 186

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.



243, 200, 196



175, 200, 219



230, 202, 226

Square

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



175, 200, 219



192, 206, 240



241, 199, 211



202, 223, 179

Rectangle

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



175, 200, 219



173, 198, 232



241, 199, 211



239, 208, 187

Sweetspot

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



175, 200, 219



240, 249, 255



175, 219, 208



119, 124, 128



0, 0, 0



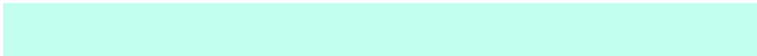
128, 128, 128

Same Dimension

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



175, 200, 219



194, 229, 255



175, 194, 219



99, 105, 110



0, 98, 173



0, 26, 46

Inverse Universe

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



219, 175, 186



255, 194, 208



219, 190, 175



110, 99, 101



173, 0, 42



46, 0, 11

Previews

White Background



This preview shows how the RYB color 175, 200, 219 looks on a white background.

Color Contrast Check

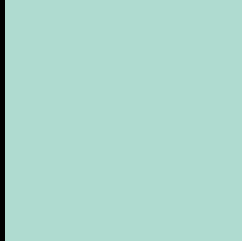
Large Text (above 18pt) WCAG AA × Fail

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 175, 200, 219 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

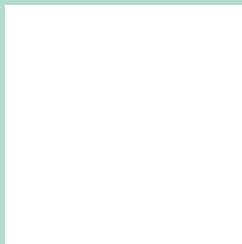
Any Text WCAG AAA ✓ Pass

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

RYB 175, 200, 219 Background



This preview shows how black text looks on a background with the RYB color 175, 200, 219.



This preview shows how white text looks on a background with the RYB color 175, 200, 219.

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](#).

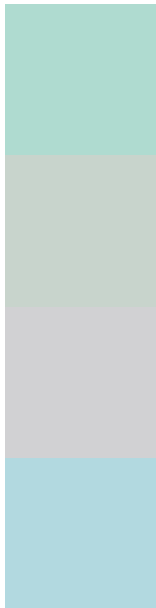
Dichromacy





Tritanopia
180, 201, 233

Trichromacy



Original Color
175, 200, 219

Protanomaly
200, 209, 212

Deuteranomaly
209, 209, 211

Tritanomaly
178, 199, 224

Monochromacy



Original Color
175, 200, 219

Achromatopsia
205, 205, 205

Achromatomaly
194, 203, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 200, 219 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(175, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(175, 219, 208)  
}
```

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(175, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 219, 208) }
```

Border

The CSS property to change the border of an element to RYB 175, 200, 219 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(175, 219, 208) }
```

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

```
.border{ border-color:rgb(175, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(175, 219,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 175, 200, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 219, 208) }
```

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

```
.background{ background-color: rgb(175,  
219, 208) }
```

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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