

Converting Colors

`RYB(178, 195, 215)`

Have a look what the booklet for
RYB(178, 195, 215) contains.

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Color

$\text{RYB}(178, 195, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	B2D1D7
RGB	178, 209, 215
RGB Percent	70%, 82%, 84%
CMY	0.3020, 0.1786, 0.1569
CMYK	0.17, 0.03, 0.00, 0.16
HSL	189°, 32%, 77%
HSV	189°, 17%, 84%
XYZ	53.5369, 60.1933, 73.0868
YIQ	200.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

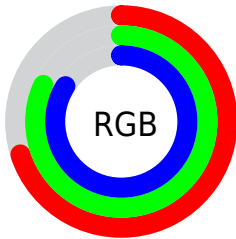
Format	Color
RYB	178, 195, 215
Decimal	11719127
CIELab	81.94, -9.24, -6.25
CIElCh	82, 11.154, 214.062
Yxy	60.1933, 0.2866, 0.3222
Android (android.graphics.Color)	4289909207 (0xFFB2D1D7)
YUV	200.4150, 7.1904, -19.6580
Hunter-Lab	77.5844, -12.5992, -1.5439

Details

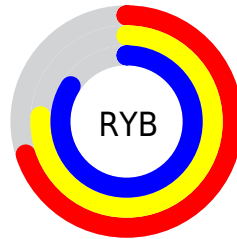
The RYB color **178, 195, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 185, 178**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **234, 245, 255**, and **125, 141, 160** is the 20% darker color. If you saturate the color by 10%, you get **157, 184, 215**, and if you desaturate by 10%, it is **200, 207, 215**.

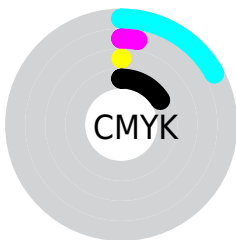
Distribution



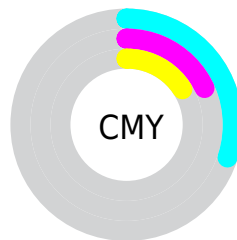
- Red (70%)
- Green (82%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 195, 215 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 178, 195, 215 by changing the saturation by 10% instead.

 178, 195, 215


255, 255, 255

 234, 245, 255


 178, 195, 215

 151, 168, 187

 125, 141, 160

 99, 115, 134

 75, 91, 109

 51, 67, 85

 28, 43, 61

 5, 21, 40

 0, 8, 19

 0, 0, 0

■ 178, 195, 215

■ 178, 195, 215

■ 157, 184, 215

■ 200, 207, 215

■ 135, 172, 215

■ 221, 216, 215

■ 113, 160, 215

■ 243, 220, 215

■ 92, 149, 215

■ 255, 223, 215

■ 70, 137, 215

■ 255, 230, 215

■ 49, 125, 215

■ 255, 237, 215

■ 27, 113, 215

■ 255, 245, 215

■ 6, 102, 215

■ 255, 255, 215

■ 0, 99, 215

■ 245, 255, 215

Harmonies

Analogous

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



180, 196, 210



178, 195, 215



184, 198, 222

Triad

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



178, 195, 215



219, 198, 213



194, 211, 183

Complementary

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



178, 195, 215



215, 185, 178

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.



221, 211, 185



178, 195, 215



226, 197, 203

Square

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



178, 195, 215



208, 201, 221



226, 199, 192



186, 207, 194

Rectangle

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



178, 195, 215



191, 201, 224



226, 199, 192



205, 215, 183

Sweetspot

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



178, 195, 215



242, 248, 255



178, 210, 215



120, 123, 128



0, 0, 0



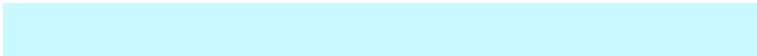
128, 128, 128

Same Dimension

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



178, 195, 215



201, 226, 255



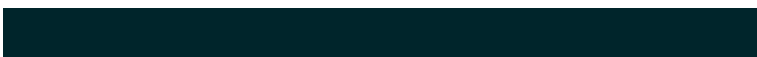
178, 188, 215



96, 101, 107



0, 78, 171



0, 20, 43

Inverse Universe

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



215, 178, 209



255, 201, 247



198, 215, 178



107, 96, 105



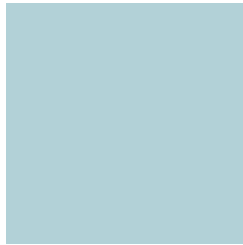
171, 0, 145



43, 0, 37

Previews

White Background



This preview shows how the RYB color 178, 195, 215 looks on a white background.

Color Contrast Check

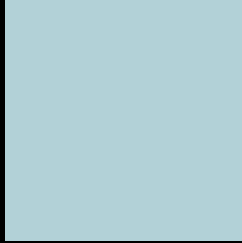
Large Text (above 18pt) WCAG AA × Fail

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 178, 195, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

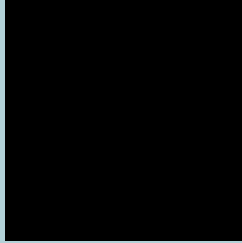
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

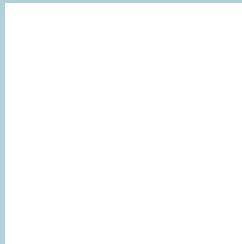
Any Text WCAG AAA ✓ Pass

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

RYB 178, 195, 215 Background



This preview shows how black text looks on a background with the RYB color 178, 195, 215.



This preview shows how white text looks on a background with the RYB color 178, 195, 215.

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
[178, 195, 215](#)

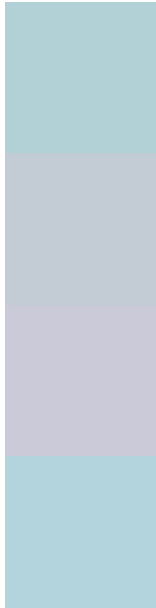
Protanopia
[205, 202, 211](#)

Deuteranopia
[217, 197, 217](#)



Tritanopia
180, 197, 225

Trichromacy



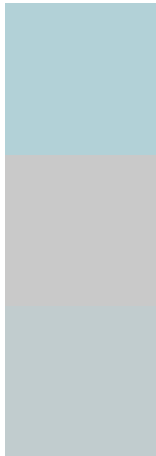
Original Color
178, 195, 215

Protanomaly
195, 201, 212

Deuteranomaly
203, 202, 216

Tritanomaly
179, 197, 221

Monochromacy



Original Color
178, 195, 215

Achromatopsia
201, 201, 201

Achromatomaly
193, 199, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 195, 215 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(178, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 215)  
}
```

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(178, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 215) }
```

Border

The CSS property to change the border of an element to RYB 178, 195, 215 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(178, 209, 215) }
```

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

```
.border{ border-color:rgb(178, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 209,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 178, 195, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 215) }
```

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

```
.background{ background-color: rgb(178,  
209, 215) }
```

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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