

Converting Colors

`RYB(193, 207, 230)`

Have a look what the booklet for
RYB(193, 207, 230) contains.

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Color

R_YB(193, 207, 230)

Conversions

Conversions Part 1

Format	Color
Hex	C1D8E6
RGB	193, 216, 230
RGB Percent	76%, 85%, 90%
CMY	0.2431, 0.1548, 0.0980
CMYK	0.16, 0.06, 0.00, 0.10
HSL	203°, 43%, 83%
HSV	203°, 16%, 90%
XYZ	60.7088, 65.9176, 84.3866
YIQ	210.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

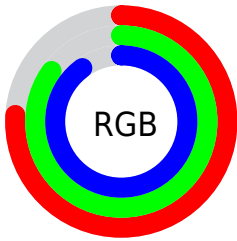
Format	Color
R_{YB}	193, 207, 230
Decimal	12703974
CIE _{Lab}	84.95, -4.55, -9.65
CIE _{LCh}	85, 10.669, 244.769
Yxy	65.9176, 0.2877, 0.3124
Android (android.graphics.Color)	4290894054 (0xFFC1D8E6)
YUV	210.7190, 9.5055, -15.5396
Hunter-Lab	81.1897, -8.6104, -4.7918

Details

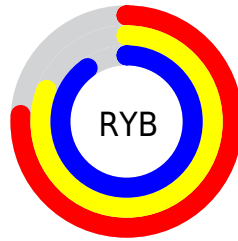
The RYB color **193, 207, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 216, 193**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **250, 253, 255**, and **139, 153, 175** is the 20% darker color. If you saturate the color by 10%, you get **170, 193, 230**, and if you desaturate by 10%, it is **216, 221, 230**.

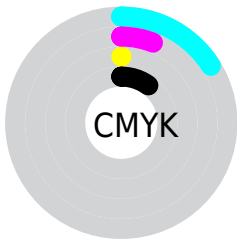
Distribution



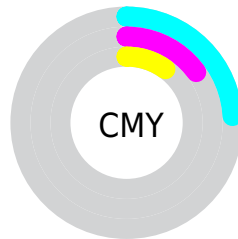
- Red (76%)
- Green (85%)
- Blue (90%)



- Red (76%)
- Yellow (81%)
- Blue (90%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 207, 230 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 193, 207, 230 by changing the saturation by 10% instead.

 193, 207, 230

255, 255, 255


 250, 253, 255

 193, 207, 230


 166, 180, 202

 139, 153, 175


 113, 127, 148

 88, 101, 122

 64, 77, 97

 41, 54, 74

 19, 32, 51

 0, 12, 30

 0, 0, 2

■ 193, 207, 230

■ 193, 207, 230

■ 170, 193, 230

■ 216, 221, 230

■ 147, 179, 230

■ 239, 237, 230

■ 124, 164, 230

■ 253, 255, 230

■ 101, 150, 230

■ 233, 255, 230

■ 78, 136, 230

■ 230, 255, 230

■ 55, 121, 230

■ 32, 107, 230

■ 9, 93, 230

■ 0, 87, 230

Harmonies

Analogous

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



188, 204, 223



193, 207, 230



204, 210, 232

Triad

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



193, 207, 230



233, 205, 211



195, 215, 203

Complementary

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



193, 207, 230



230, 216, 193

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.



201, 219, 192



193, 207, 230



234, 207, 201

Square

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



193, 207, 230



227, 206, 221



229, 220, 194



196, 212, 217

Rectangle

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



193, 207, 230



212, 210, 230



229, 220, 194



194, 214, 197

Sweetspot

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



193, 207, 230



242, 247, 255



193, 220, 230



120, 123, 128



0, 0, 0



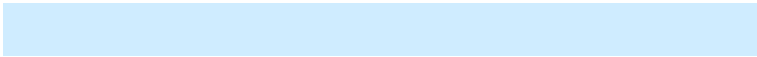
128, 128, 128

Same Dimension

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



193, 207, 230



207, 225, 255



193, 197, 230



103, 107, 115



0, 68, 179



0, 19, 51

Inverse Universe

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



230, 193, 216



255, 207, 236



197, 230, 193



115, 103, 110



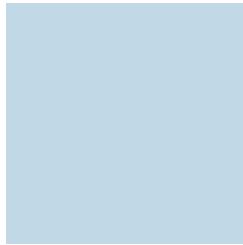
179, 0, 109



51, 0, 31

Previews

White Background



This preview shows how the RYB color 193, 207, 230 looks on a white background.

Color Contrast Check

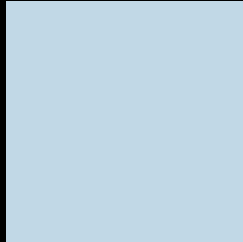
Large Text (above 18pt) WCAG AA × Fail

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 193, 207, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

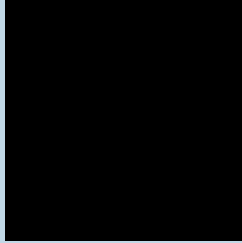
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

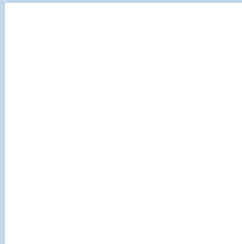
Any Text WCAG AAA ✓ Pass

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

RYB 193, 207, 230 Background



This preview shows how black text looks on a background with the RYB color 193, 207, 230.

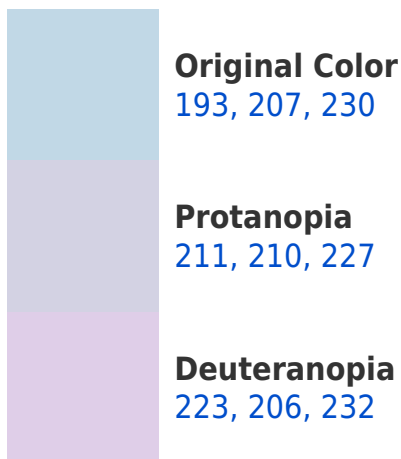


This preview shows how white text looks on a background with the RYB color 193, 207, 230.

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](#).

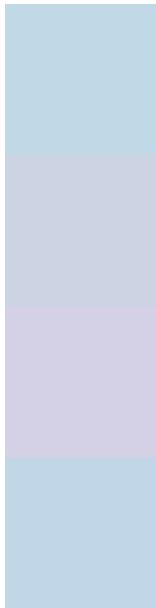
Dichromacy





Tritanopia
193, 207, 232

Trichromacy



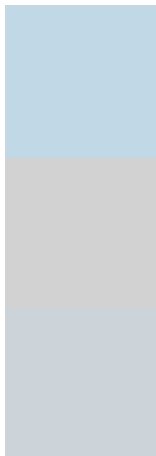
Original Color
193, 207, 230

Protanomaly
204, 210, 228

Deuteranomaly
212, 209, 231

Tritanomaly
193, 207, 231

Monochromacy



Original Color
193, 207, 230

Achromatopsia
210, 210, 210

Achromatomaly
204, 209, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 207, 230 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(193, 216, 230)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 230)  
}
```

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(193, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 230) }
```

Border

The CSS property to change the border of an element to RYB 193, 207, 230 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(193, 216, 230) }
```

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

```
.border{ border-color:rgb(193, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 193, 207, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 230) }
```

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

```
.background{ background-color: rgb(193,  
216, 230) }
```

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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