

Converting Colors

`RYB(198, 208, 226)`

Have a look what the booklet for RYB(198, 208, 226) contains.

RYB(198, 208, 226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(198, 208, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C6D6E2
RGB	198, 214, 226
RGB Percent	78%, 84%, 89%
CMY	0.2235, 0.1625, 0.1137
CMYK	0.12, 0.06, 0.00, 0.11
HSL	207°, 33%, 83%
HSV	207°, 12%, 89%
XYZ	60.9504, 65.3652, 81.3558
YIQ	210.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

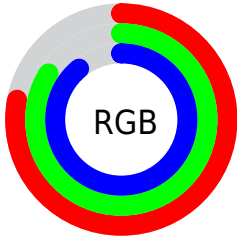
Format	Color
R _{YB}	198, 208, 226
Decimal	13031138
CIE Lab	84.67, -2.76, -7.91
CIE LCh	85, 8.380, 250.782
Yxy	65.3652, 0.2935, 0.3148
Android (android.graphics.Color)	4291221218 (0xFFC6D6E2)
YUV	210.5840, 7.6001, -11.0362
Hunter-Lab	80.8488, -6.9174, -3.0677

Details

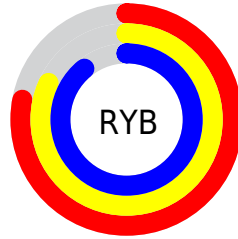
The RYB color **198, 208, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 219, 198**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 154, 171** is the 20% darker color. If you saturate the color by 10%, you get **175, 193, 226**, and if you desaturate by 10%, it is **221, 223, 226**.

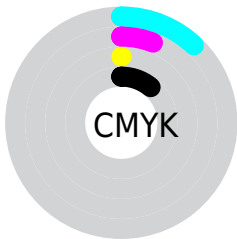
Distribution



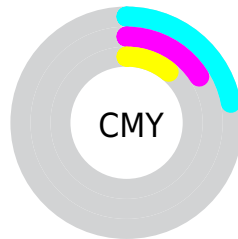
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 208, 226 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 198, 208, 226 by changing the saturation by 10% instead.

■ 198, 208, 226

255, 255, 255

■ 198, 208, 226

■ 171, 181, 198

■ 144, 154, 171

■ 118, 128, 144

■ 93, 103, 119

■ 69, 78, 94

■ 47, 55, 70

■ 25, 34, 48

■ 1, 11, 27

■ 0, 0, 0

■ 198, 208, 226

■ 198, 208, 226

■ 175, 193, 226

■ 221, 223, 226

■ 153, 179, 226

■ 243, 241, 226

■ 130, 164, 226

■ 244, 255, 226

■ 108, 150, 226

■ 227, 255, 226

■ 85, 135, 226

■ 226, 255, 226

■ 62, 121, 226

■ 40, 106, 226

■ 17, 92, 226

■ 0, 81, 226

Harmonies

Analogous

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



193, 205, 221



198, 208, 226



207, 210, 227

Triad

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



198, 208, 226



229, 206, 209



199, 214, 207

Complementary

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



198, 208, 226



226, 219, 198

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.



200, 215, 196



198, 208, 226



228, 209, 201

Square

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



198, 208, 226



224, 207, 217



223, 219, 197



198, 210, 216

Rectangle

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



198, 208, 226



213, 209, 225



223, 219, 197



198, 213, 202

Sweetspot

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



198, 208, 226



245, 248, 255



198, 218, 226



121, 124, 128



0, 0, 0



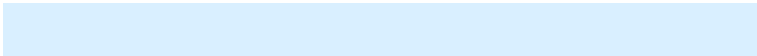
128, 128, 128

Same Dimension

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



198, 208, 226



217, 231, 255



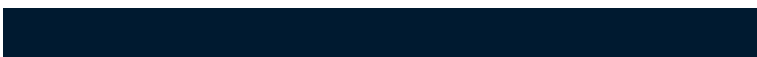
198, 200, 226



101, 105, 112



0, 63, 176



0, 17, 48

Inverse Universe

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



226, 198, 214



255, 217, 238



200, 226, 198



112, 101, 107



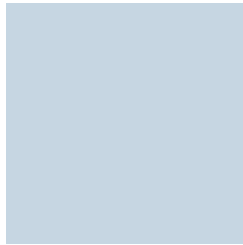
176, 0, 98



48, 0, 27

Previews

White Background



This preview shows how the RYB color 198, 208, 226 looks on a white background.

Color Contrast Check

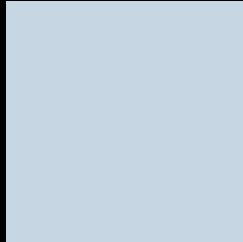
Large Text (above 18pt) WCAG AA × Fail

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 198, 208, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

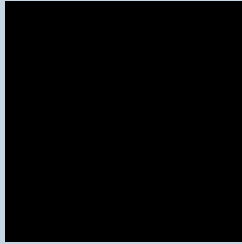
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

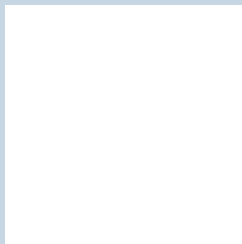
Any Text WCAG AAA ✓ Pass

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

RYB 198, 208, 226 Background



This preview shows how black text looks on a background with the RYB color 198, 208, 226.



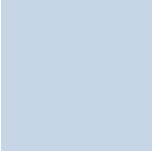
This preview shows how white text looks on a background with the RYB color 198, 208, 226.

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
199, 209, 230

Trichromacy



Original Color

198, 208, 226

Protanomaly

206, 210, 225

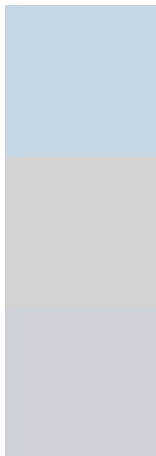
Deuteranomaly

215, 208, 227

Tritanomaly

199, 209, 229

Monochromacy



Original Color

198, 208, 226

Achromatopsia

210, 210, 210

Achromatomaly

206, 209, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 208, 226 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(198, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(198, 214, 226)  
}
```

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(198, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 214, 226) }
```

Border

The CSS property to change the border of an element to RYB 198, 208, 226 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(198, 214, 226) }
```

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

```
.border{ border-color:rgb(198, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 214,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 198, 208, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 214, 226) }
```

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

```
.background{ background-color: rgb(198,  
214, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor