

Converting Colors

`RYB(198, 205, 255)`

Have a look what the booklet for
RYB(198, 205, 255) contains.

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Color

R_YB(198, 205, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C6CEFF
RGB	198, 206, 255
RGB Percent	78%, 81%, 100%
CMY	0.2235, 0.1922, 0.0000
CMYK	0.22, 0.19, 0.00, 0.00
HSL	232°, 100%, 89%
HSV	232°, 22%, 100%
XYZ	63.4052, 63.3588, 103.4954
YIQ	209.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

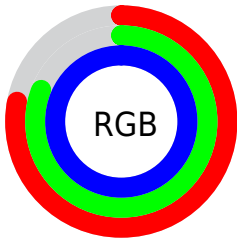
Format	Color
R _Y B	198, 205, 255
Decimal	13029119
CIE Lab	83.63, 7.44, -24.87
CIE LCh	84, 25.957, 286.657
Yxy	63.3588, 0.2754, 0.2752
Android (android.graphics.Color)	4291219199 (0xFFC6CEFF)
YUV	209.1940, 22.5824, -9.8171
Hunter-Lab	79.5982, 2.8901, -21.3714

Details

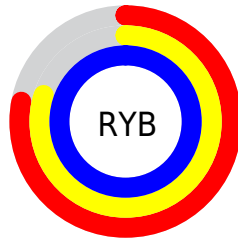
The RYB color **198, 205, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207, 255, 198**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **143, 151, 198** is the 20% darker color. If you saturate the color by 10%, you get **173, 183, 255**, and if you desaturate by 10%, it is **224, 228, 255**.

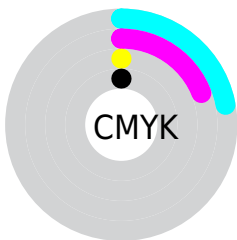
Distribution



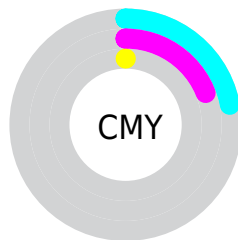
- Red (78%)
- Green (81%)
- Blue (100%)



- Red (78%)
- Yellow (80%)
- Blue (100%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 205, 255 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, 205, 255 by changing the saturation by 10% instead.

■ 198, 205, 255

255, 255, 255

■ 198, 205, 255

■ 170, 178, 226

■ 143, 151, 198

■ 117, 125, 171

■ 91, 99, 144

■ 67, 75, 118

■ 42, 52, 94


■ 17, 29, 70

■ 0, 9, 47


■ 0, 1, 26

 198, 205, 255


 198, 205, 255

 173, 183, 255


 224, 228, 255


 147, 160, 255

 249, 250, 255

 122, 138, 255

255, 255, 255

 96, 115, 255

 71, 93, 255

 45, 70, 255

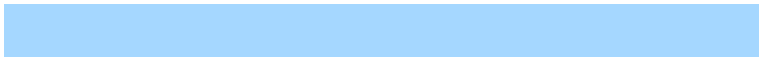
 20, 48, 255

 0, 32, 255

Harmonies

Analogous

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



165, 197, 255



198, 205, 255



229, 198, 242

Triad

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



198, 205, 255



254, 204, 174



158, 198, 222

Complementary

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



198, 205, 255



207, 255, 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.



174, 218, 207



198, 205, 255



223, 237, 161

Square

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



198, 205, 255



255, 191, 196



163, 213, 161



141, 182, 222

Rectangle

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



198, 205, 255



245, 194, 228



163, 213, 161



167, 206, 221

Sweetspot

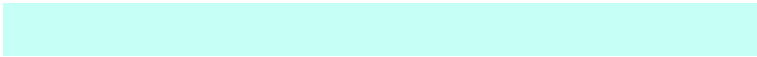
The Sweet Spot groups the original color and five complimentary colors.



198, 205, 255



237, 240, 255



198, 229, 255



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 205, 255



186, 195, 255



218, 198, 255



115, 117, 128



0, 24, 191



0, 8, 64

Inverse Universe

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



255, 198, 206



255, 186, 196



198, 255, 218



128, 115, 117



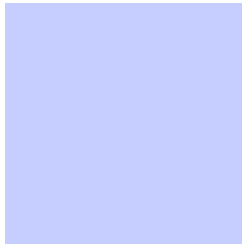
191, 0, 27



64, 0, 9

Previews

White Background



This preview shows how the RYB color 198, 205, 255 looks on a white background.

Color Contrast Check

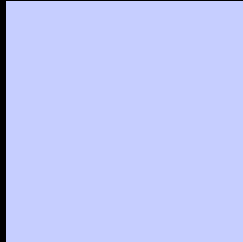
Large Text (above 18pt) WCAG AA × Fail

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, 205, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

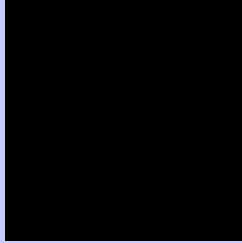
Any Text WCAG AA ✓ Pass

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, 205, 255 Background



This preview shows how black text looks on a background with the RYB color 198, 205, 255.



This preview shows how white text looks on a background with the RYB color 198, 205, 255.

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
198, 205, 255

Protanopia
197, 205, 255

Deuteranopia
205, 204, 255



Tritanopia
193, 205, 228

Trichromacy



Original Color
198, 205, 255

Protanomaly
197, 205, 255

Deuteranomaly
202, 205, 255

Tritanomaly
195, 206, 238

Monochromacy



Original Color
198, 205, 255

Achromatopsia
209, 209, 209

Achromatomaly
205, 208, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 205, 255 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 255)  
}
```

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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 255) }
```

Border

The CSS property to change the border of an element to RYB 198, 205, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

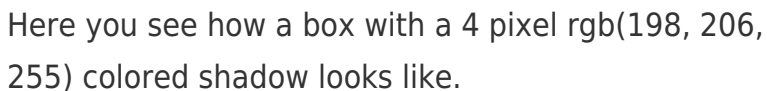
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 206, 255) }
```

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

```
.border{ border-color:rgb(198, 206, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 198, 205, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 255) }
```

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

```
.background{ background-color: rgb(198,  
206, 255) }
```

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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