

Converting Colors

`RYB(198, 222, 246)`

Have a look what the booklet for
RYB(198, 222, 246) contains.

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Color

R_YB(198, 222, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C6F6F6
RGB	198, 246, 246
RGB Percent	78%, 96%, 96%
CMY	0.2235, 0.0353, 0.0353
CMYK	0.20, 0.00, 0.00, 0.04
HSL	180°, 73%, 87%
HSV	180°, 20%, 96%
XYZ	72.8790, 84.5711, 99.6715
YIQ	231.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

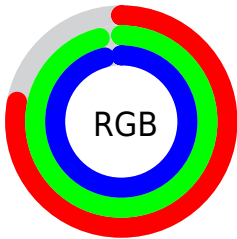
Format	Color
R_{YB}	198, 222, 246
Decimal	13039350
CIE _{Lab}	93.70, -15.20, -5.06
CIE _{LCh}	94, 16.015, 198.413
Y _{xy}	84.5711, 0.2834, 0.3289
Android (android.graphics.Color)	4291229430 (0xFFC6F6F6)
YUV	231.6480, 7.0755, -29.5093
Hunter-Lab	91.9626, -19.4758, 0.1137

Details

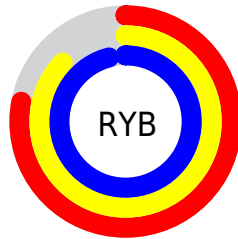
The RYB color **198, 222, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 198, 198**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **143, 167, 190** is the 20% darker color. If you saturate the color by 10%, you get **173, 210, 246**, and if you desaturate by 10%, it is **223, 235, 246**.

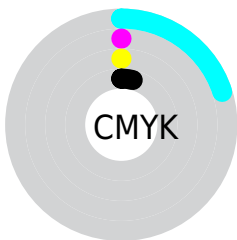
Distribution



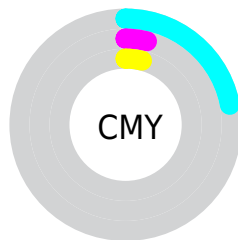
- Red (78%)
- Green (96%)
- Blue (96%)



- Red (78%)
- Yellow (87%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 222, 246 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, 222, 246 by changing the saturation by 10% instead.

■ 198, 222, 246

255, 255, 255

■ 198, 222, 246

■ 170, 194, 218

■ 143, 167, 190

■ 117, 140, 163

■ 91, 114, 136

■ 66, 89, 111

■ 41, 64, 87

■ 15, 39, 64

■ 0, 21, 42


■ 0, 11, 22

 198, 222, 246


 198, 222, 246

 173, 210, 246


 223, 235, 246


 149, 198, 246


 247, 246, 246


 124, 185, 246

 255, 246, 246

 100, 173, 246

 75, 161, 246

 50, 148, 246

 26, 136, 246

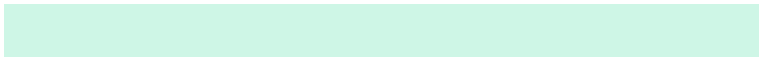
 1, 124, 246

 0, 123, 246

Harmonies

Analogous

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



206, 231, 246



198, 222, 246



201, 225, 255

Triad

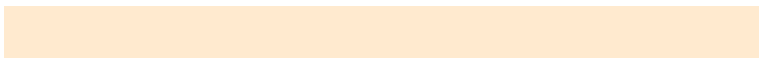
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 222, 246



251, 230, 255



244, 255, 207

Complementary

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



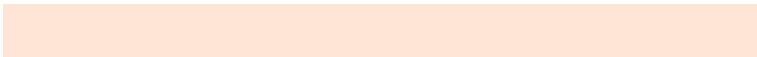
198, 222, 246



246, 198, 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.



255, 238, 214



198, 222, 246



255, 227, 244

Square

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



198, 222, 246



232, 235, 255



255, 227, 228



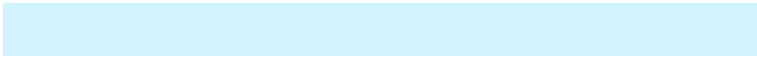
208, 239, 208

Rectangle

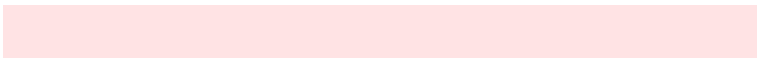
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



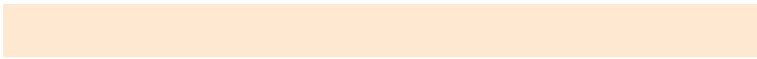
198, 222, 246



208, 228, 255



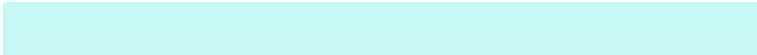
255, 227, 228



255, 255, 209

Sweetspot

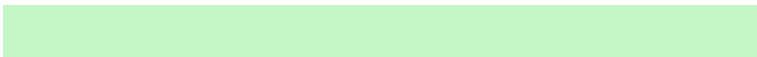
The Sweet Spot groups the original color and five complimentary colors.



198, 222, 246



240, 248, 255



198, 246, 246



119, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

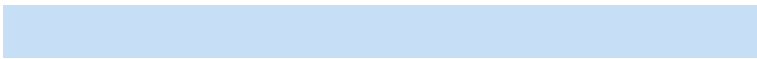
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 222, 246



196, 226, 255



198, 214, 246



110, 116, 122



0, 93, 186



0, 30, 59

Inverse Universe

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



246, 198, 246



255, 196, 255



246, 246, 198



122, 110, 122



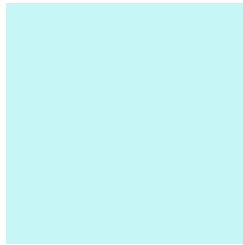
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 198, 222, 246 looks on a white background.

Color Contrast Check

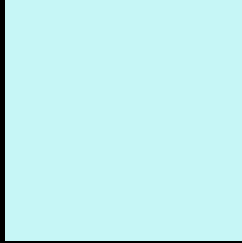
Large Text (above 18pt) WCAG AA × Fail

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, 222, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

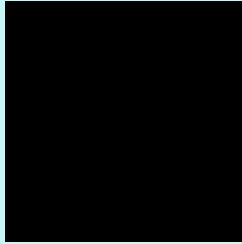
Any Text WCAG AA ✓ Pass

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, 222, 246 Background



This preview shows how black text looks on a background with the RYB color 198, 222, 246.

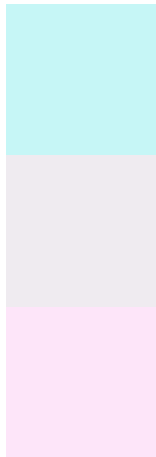


This preview shows how white text looks on a background with the RYB color 198, 222, 246.

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, 222, 246

Protanopia
239, 235, 240

Deuteranopia
253, 229, 249



Tritanopia

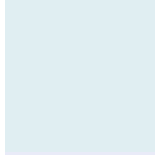
213, 230, 255

Trichromacy



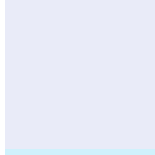
Original Color

198, 222, 246



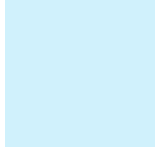
Protanomaly

224, 232, 242



Deuteranomaly

233, 235, 248



Tritanomaly

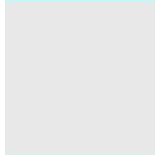
208, 227, 252

Monochromacy



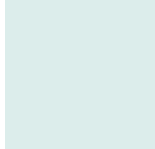
Original Color

198, 222, 246



Achromatopsia

232, 232, 232



Achromatomaly

220, 229, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 222, 246 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, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(198, 246, 246)  
}
```

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, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 246, 246) }
```

Border

The CSS property to change the border of an element to RYB 198, 222, 246 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, 246, 246) }
```

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

```
.border{ border-color:rgb(198, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(198, 246,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 198, 222, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 246, 246) }
```

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

```
.background{ background-color: rgb(198,  
246, 246) }
```

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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