

Converting Colors

`RYB(206, 223, 246)`

Have a look what the booklet for
RYB(206, 223, 246) contains.

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Color

R_YB(206, 223, 246)

Conversions

Conversions Part 1

Format	Color
Hex	CEECF6
RGB	206, 236, 246
RGB Percent	81%, 93%, 96%
CMY	0.1922, 0.0762, 0.0353
CMYK	0.16, 0.04, 0.00, 0.04
HSL	196°, 69%, 89%
HSV	196°, 16%, 96%
XYZ	71.9586, 79.5165, 98.7444
YIQ	228.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

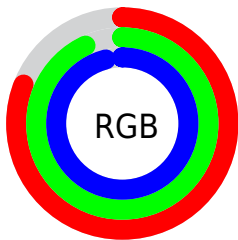
Format	Color
R _Y B	206, 223, 246
Decimal	13561078
CIE Lab	91.47, -7.52, -8.30
CIE LCh	91, 11.197, 227.839
Yxy	79.5165, 0.2876, 0.3178
Android (android.graphics.Color)	4291751158 (0xFFCEECF6)
YUV	228.1700, 8.7902, -19.4431
Hunter-Lab	89.1720, -12.0080, -3.2342

Details

The RYB color **206, 223, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 219, 206**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 168, 190** is the 20% darker color. If you saturate the color by 10%, you get **181, 209, 246**, and if you desaturate by 10%, it is **231, 237, 246**.

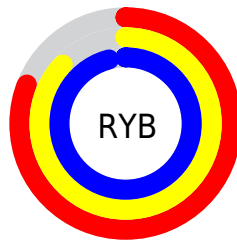
Distribution



Red (81%)

Green (93%)

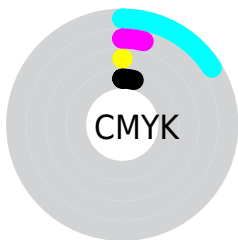
Blue (96%)



Red (81%)

Yellow (87%)

Blue (96%)

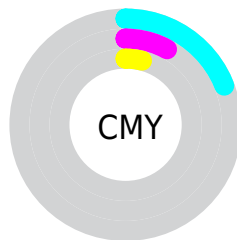


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (19%)

Magenta (8%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 223, 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 206, 223, 246 by changing the saturation by 10% instead.

■ 206, 223, 246

255, 255, 255

■ 206, 223, 246

■ 178, 195, 218

■ 151, 168, 190

■ 125, 141, 163

■ 100, 115, 136

■ 75, 90, 111

■ 51, 66, 87

■ 28, 43, 63

■ 5, 21, 42

■ 0, 7, 21

■ 206, 223, 246

■ 206, 223, 246

■ 181, 209, 246

■ 231, 237, 246

■ 157, 195, 246

■ 255, 249, 246

■ 132, 180, 246

■ 246, 255, 246

■ 108, 167, 246

■ 83, 152, 246

■ 58, 138, 246

■ 34, 124, 246

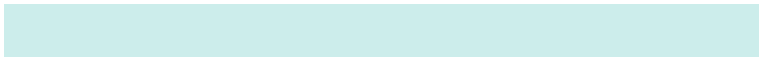
■ 9, 110, 246

■ 0, 105, 246

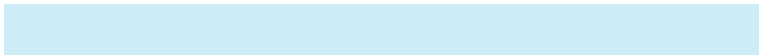
Harmonies

Analogous

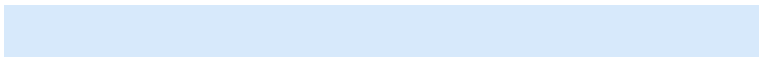
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 221, 237



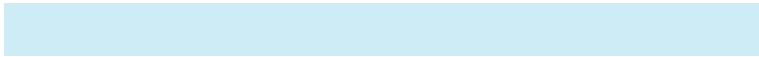
206, 223, 246



215, 227, 251

Triad

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



206, 223, 246



250, 224, 235



211, 233, 210

Complementary

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



206, 223, 246



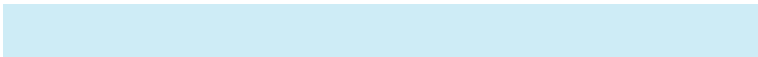
246, 219, 206

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.



240, 244, 210



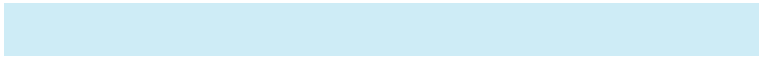
206, 223, 246



254, 223, 224

Square

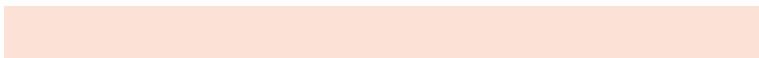
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



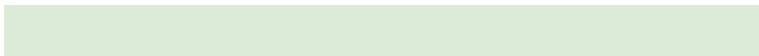
206, 223, 246



240, 226, 245



252, 229, 215



216, 235, 231

Rectangle

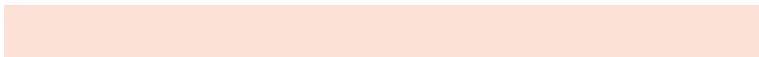
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206, 223, 246



223, 229, 252



252, 229, 215



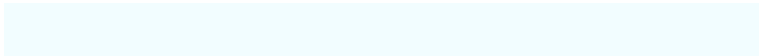
217, 237, 209

Sweetspot

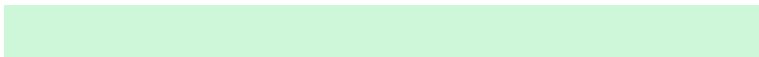
The Sweet Spot groups the original color and five complimentary colors.



206, 223, 246



242, 248, 255



206, 238, 246



120, 123, 128



0, 0, 0



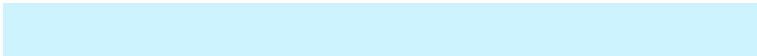
128, 128, 128

Same Dimension

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



206, 223, 246



204, 226, 255



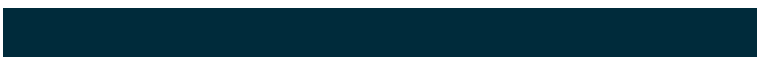
206, 214, 246



110, 115, 122



0, 79, 186



0, 25, 59

Inverse Universe

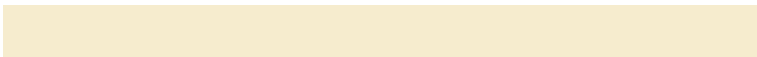
The Inverse Universe completely reimagines the original color for something new.



246, 206, 236



255, 204, 242



219, 246, 206



122, 110, 119



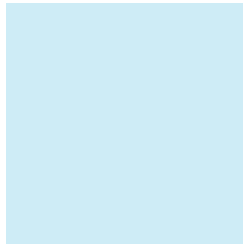
186, 0, 138



59, 0, 43

Previews

White Background



This preview shows how the RYB color 206, 223, 246 looks on a white background.

Color Contrast Check

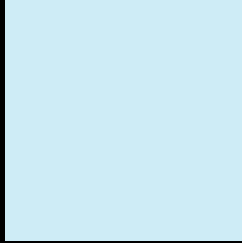
Large Text (above 18pt) WCAG AA × Fail

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 206, 223, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

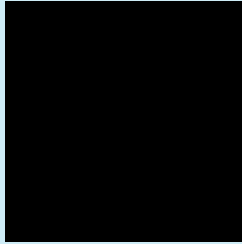
Any Text WCAG AA ✓ Pass

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 206, 223, 246 Background



This preview shows how black text looks on a background with the RYB color 206, 223, 246.



This preview shows how white text looks on a background with the RYB color 206, 223, 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](#).

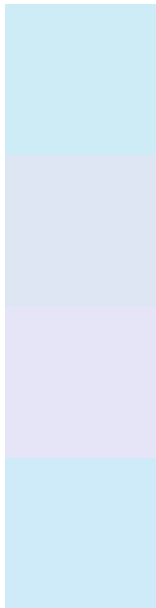
Dichromacy





Tritanopia
207, 224, 253

Trichromacy



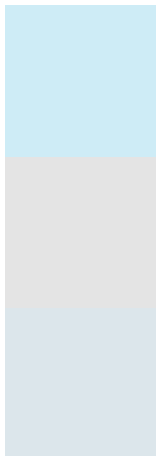
Original Color
206, 223, 246

Protanomaly
222, 228, 243

Deuteranomaly
230, 228, 247

Tritanomaly
207, 224, 250

Monochromacy



Original Color
206, 223, 246

Achromatopsia
228, 228, 228

Achromatomaly
220, 226, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 223, 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(206, 236, 246) looks like.

```
.text, #text, p{  
    color:rgb(206, 236, 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(206, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 246) }
```

Border

The CSS property to change the border of an element to RYB 206, 223, 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(206, 236, 246) }
```

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

```
.border{ border-color:rgb(206, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 236,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 206, 223, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 236, 246) }
```

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

```
.background{ background-color: rgb(206,  
236, 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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