

Converting Colors

`RYB(206, 229, 239)`

Have a look what the booklet for
RYB(206, 229, 239) contains.

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Color

RYB(206, 229, 239)

Conversions

Conversions Part 1

Format	Color
Hex	CEEFDC
RGB	206, 239, 220
RGB Percent	81%, 94%, 86%
CMY	0.1922, 0.0627, 0.1359
CMYK	0.14, 0.00, 0.08, 0.06
HSL	146°, 51%, 87%
HSV	146°, 14%, 94%
XYZ	69.2845, 80.0406, 79.7496
YIQ	226.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

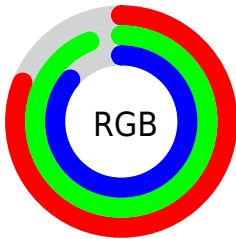
Format	Color
R _Y B	206, 229, 239
Decimal	13561820
CIE Lab	91.70, -14.25, 5.41
CIE LCh	92, 15.241, 159.198
Yxy	80.0406, 0.3025, 0.3494
Android (android.graphics.Color)	4291751900 (0xFFCEEFD0)
YUV	226.9670, -3.4347, -18.3881
Hunter-Lab	89.4654, -18.3291, 9.7746

Details

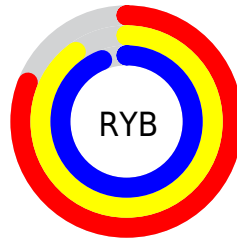
The RYB color **206, 229, 239** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 206, 225**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 173, 183** is the 20% darker color. If you saturate the color by 10%, you get **182, 222, 239**, and if you desaturate by 10%, it is **230, 236, 239**.

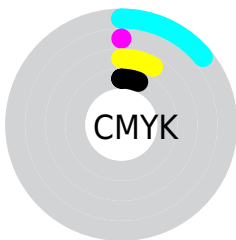
Distribution



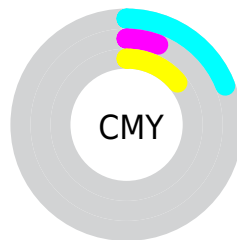
- Red (81%)
- Green (94%)
- Blue (86%)



- Red (81%)
- Yellow (90%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 229, 239 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, 229, 239 by changing the saturation by 10% instead.

■ 206, 229, 239

255, 255, 255

■ 206, 229, 239

■ 178, 201, 211

■ 151, 173, 183

■ 125, 146, 156

■ 100, 120, 130

■ 76, 96, 105

■ 53, 72, 81

■ 30, 48, 57

■ 8, 26, 36

■ 0, 12, 12

 206, 229, 239

 206, 229, 239

 182, 222, 239

 230, 236, 239


 158, 215, 239


 254, 239, 247


 134, 207, 239


 255, 239, 255


 110, 200, 239

 86, 192, 239

 63, 186, 239

 39, 178, 239

 15, 171, 239

 0, 167, 239

Harmonies

Analogous

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



208, 236, 222



206, 229, 239



196, 219, 240

Triad

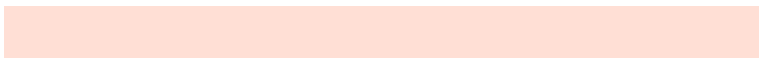
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 229, 239



221, 229, 255



255, 226, 213

Complementary

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



206, 229, 239



239, 206, 225

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, 221, 227



206, 229, 239



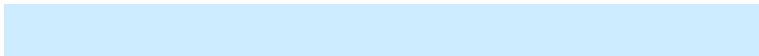
240, 226, 254

Square

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



206, 229, 239



205, 224, 255



254, 222, 242



253, 247, 204

Rectangle

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



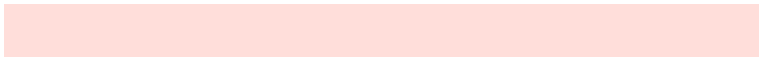
206, 229, 239



194, 218, 245



254, 222, 242



255, 222, 218

Sweetspot

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



206, 229, 239



245, 252, 255



206, 239, 220



121, 126, 128



0, 0, 0



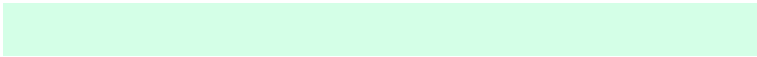
128, 128, 128

Same Dimension

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



206, 229, 239



212, 242, 255



206, 223, 239



108, 116, 120



0, 128, 184



0, 39, 56

Inverse Universe

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



239, 206, 225



255, 212, 236



239, 206, 208



120, 108, 115



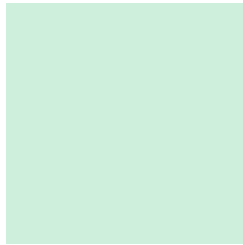
184, 0, 104



56, 0, 32

Previews

White Background



This preview shows how the RYB color 206, 229, 239 looks on a white background.

Color Contrast Check

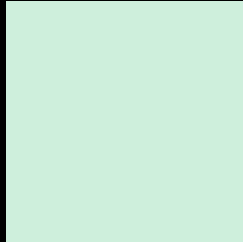
Large Text (above 18pt) WCAG AA × Fail

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, 229, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

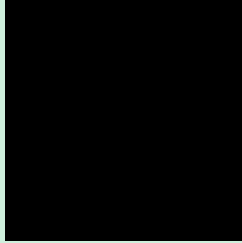
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

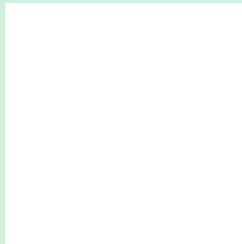
Any Text WCAG AAA ✓ Pass

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

R/Y/B 206, 229, 239 Background



This preview shows how black text looks on a background with the R/Y/B color 206, 229, 239.

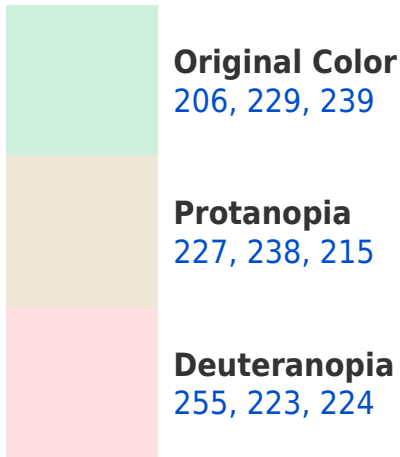


This preview shows how white text looks on a background with the R/Y/B color 206, 229, 239.

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](#).

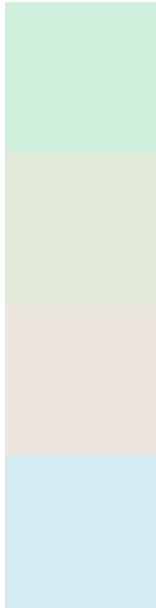
Dichromacy





Tritanopia
212, 226, 253

Trichromacy



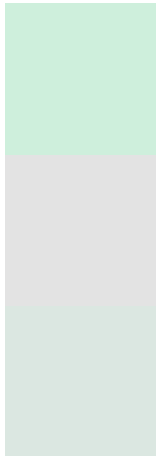
Original Color
206, 229, 239

Protanomaly
217, 233, 224

Deuteranomaly
237, 234, 223

Tritanomaly
210, 224, 241

Monochromacy



Original Color
206, 229, 239

Achromatopsia
227, 227, 227

Achromatomaly
219, 227, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 229, 239 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, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(206, 239, 220)  
}
```

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, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 239, 220) }
```

Border

The CSS property to change the border of an element to RYB 206, 229, 239 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, 239, 220) }
```

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

```
.border{ border-color:rgb(206, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(206, 239,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 206, 229, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 239, 220) }
```

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

```
.background{ background-color: rgb(206,  
239, 220) }
```

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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