

Converting Colors

RYB(201, 221, 240)

Have a look what the booklet for RYB(201, 221, 240) contains.

RYB(201, 221, 240)	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(201, 221, 240)

Conversions

Conversions Part 1

Format	Color
Hex	C9F0EE
RGB	201, 240, 238
RGB Percent	79%, 94%, 93%
CMY	0.2118, 0.0588, 0.0665
CMYK	0.16, 0.00, 0.01, 0.06
HSL	177°, 57%, 86%
HSV	177°, 16%, 94%
XYZ	70.6874, 80.9137, 92.8197
YIQ	228.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

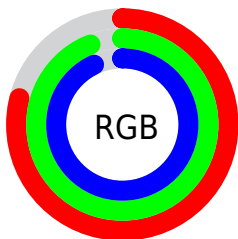
Format	Color
R _{YB}	201, 221, 240
Decimal	13234414
CIE Lab	92.09, -12.91, -3.27
CIE LCh	92, 13.320, 194.209
Yxy	80.9137, 0.2892, 0.3310
Android (android.graphics.Color)	4291424494 (0xFFC9F0EE)
YUV	228.1110, 4.8753, -23.7763
Hunter-Lab	89.9520, -17.1445, 1.7862

Details

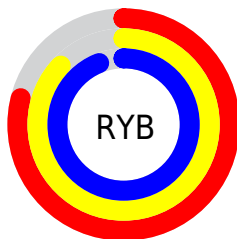
The RYB color **201, 221, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 201, 203**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 166, 184** is the 20% darker color. If you saturate the color by 10%, you get **177, 209, 240**, and if you desaturate by 10%, it is **225, 233, 240**.

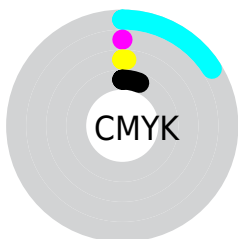
Distribution



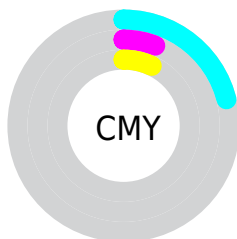
- Red (79%)
- Green (94%)
- Blue (93%)



- Red (79%)
- Yellow (87%)
- Blue (94%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 221, 240 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 201, 221, 240 by changing the saturation by 10% instead.

■ 201, 221, 240

255, 255, 255

■ 201, 221, 240

■ 173, 193, 212

■ 146, 166, 184

■ 120, 139, 157

■ 95, 114, 131

■ 70, 89, 106

■ 47, 64, 81

■ 23, 41, 58

■ 0, 19, 37

■ 0, 7, 15

 201, 221, 240

 201, 221, 240

 177, 209, 240

 225, 233, 240

 153, 198, 240


 249, 240, 240

 129, 186, 240


 255, 240, 242

 105, 174, 240


 255, 240, 243

 81, 163, 240

 255, 240, 244

 57, 151, 240

 255, 240, 245

 33, 139, 240

 255, 240, 246

 9, 128, 240

 255, 240, 248

 0, 123, 240

 255, 240, 249

Harmonies

Analogous

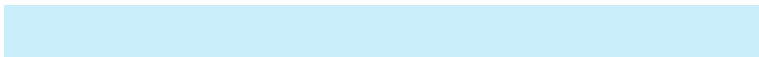
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209, 229, 239



201, 221, 240



202, 223, 250

Triad

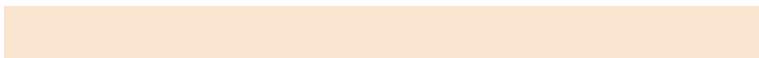
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 221, 240



242, 227, 251



250, 250, 208

Complementary

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



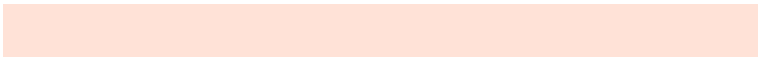
201, 221, 240



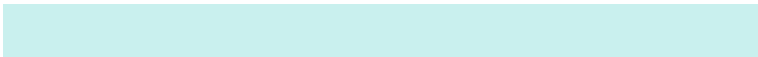
240, 201, 203

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, 230, 215



201, 221, 240



254, 224, 240

Square

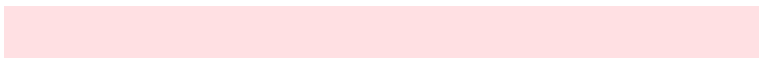
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201, 221, 240



226, 230, 255



255, 224, 227



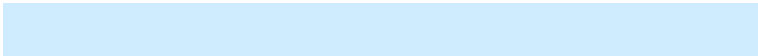
211, 236, 208

Rectangle

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



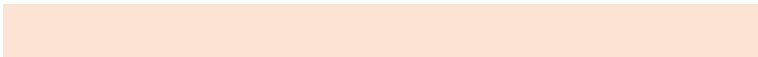
201, 221, 240



207, 225, 255



255, 224, 227



253, 241, 210

Sweetspot

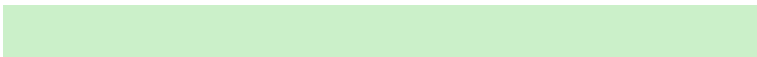
The Sweet Spot groups the original color and five complimentary colors.



201, 221, 240



242, 249, 255



201, 240, 238



120, 124, 128



0, 0, 0



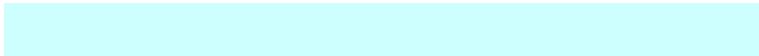
128, 128, 128

Same Dimension

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



201, 221, 240



204, 230, 255



201, 215, 240



108, 114, 120



0, 95, 184



0, 29, 56

Inverse Universe

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



240, 201, 203



255, 204, 207



240, 234, 201



120, 108, 108



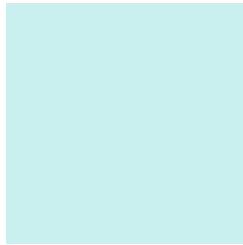
184, 0, 9



56, 0, 3

Previews

White Background



This preview shows how the RYB color 201, 221, 240 looks on a white background.

Color Contrast Check

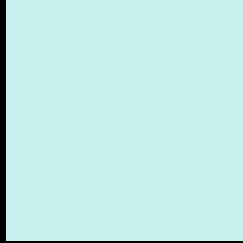
Large Text (above 18pt) WCAG AA × Fail

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 201, 221, 240 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 201, 221, 240 Background



This preview shows how black text looks on a background with the RYB color 201, 221, 240.



This preview shows how white text looks on a background with the RYB color 201, 221, 240.

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





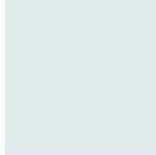
Tritanopia
206, 225, 255

Trichromacy



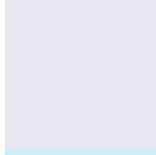
Original Color

201, 221, 240



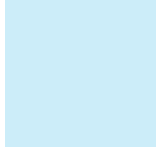
Protanomaly

223, 229, 235



Deuteranomaly

232, 230, 240



Tritanomaly

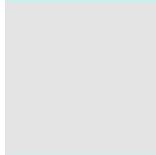
204, 223, 249

Monochromacy



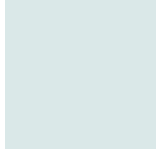
Original Color

201, 221, 240



Achromatopsia

228, 228, 228



Achromatomaly

218, 225, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 221, 240 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(201, 240, 238)` looks like.

```
.text, #text, p{  
  color:rgb(201, 240, 238)  
}
```

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(201, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 240, 238) }
```

Border

The CSS property to change the border of an element to RYB 201, 221, 240 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(201, 240, 238) }
```

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

```
.border{ border-color:rgb(201, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(201, 240,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 201, 221, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 240, 238) }
```

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

```
.background{ background-color: rgb(201,  
240, 238) }
```

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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