

Converting Colors

`RYB(202, 220, 234)`

Have a look what the booklet for RYB(202, 220, 234) contains.

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Color

R_YB(202, 220, 234)

Conversions

Conversions Part 1

Format	Color
Hex	CAEAE3
RGB	202, 234, 227
RGB Percent	79%, 92%, 89%
CMY	0.2078, 0.0824, 0.1102
CMYK	0.14, 0.00, 0.03, 0.08
HSL	167°, 43%, 85%
HSV	167°, 14%, 92%
XYZ	67.6297, 76.9421, 83.8795
YIQ	223.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

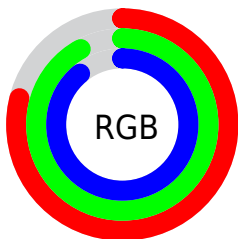
Format	Color
R _Y B	202, 220, 234
Decimal	13298403
CIE Lab	90.29, -11.79, -0.07
CIE LCh	90, 11.790, 180.364
Yxy	76.9421, 0.2960, 0.3368
Android (android.graphics.Color)	4291488483 (0xFFCAEAE3)
YUV	223.6340, 1.6594, -18.9730
Hunter-Lab	87.7167, -15.8802, 4.7053

Details

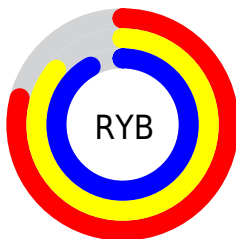
The RYB color `202, 220, 234` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `234, 202, 209`, and the grayscale version is `224, 224, 224`.

A 20% lighter version of the original color is `255, 255, 255`, and `148, 165, 178` is the 20% darker color. If you saturate the color by 10%, you get `179, 210, 234`, and if you desaturate by 10%, it is `225, 230, 234`.

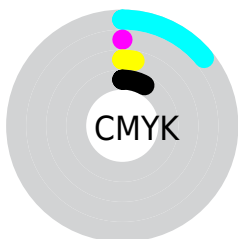
Distribution



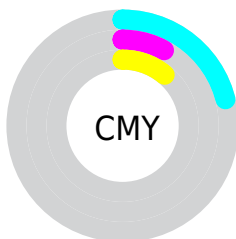
- Red (79%)
- Green (92%)
- Blue (89%)



- Red (79%)
- Yellow (86%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 220, 234 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 202, 220, 234 by changing the saturation by 10% instead.

■ 202, 220, 234

255, 255, 255

■ 202, 220, 234

■ 174, 192, 206

■ 148, 165, 178

■ 122, 139, 152

■ 96, 113, 126

■ 72, 88, 101

■ 49, 65, 77

■ 27, 42, 54

■ 5, 20, 32

■ 0, 1, 2

 202, 220, 234


 202, 220, 234

 179, 210, 234


 225, 230, 234

 155, 200, 234


 249, 234, 237

 132, 189, 234


 255, 234, 242

 108, 179, 234


 255, 234, 248


 85, 169, 234

 255, 234, 253

 62, 159, 234

 255, 234, 255

 38, 148, 234

 15, 138, 234

 0, 132, 234

Harmonies

Analogous

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



211, 229, 233



202, 220, 234



199, 217, 238

Triad

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



202, 220, 234



230, 224, 247



247, 232, 208

Complementary

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



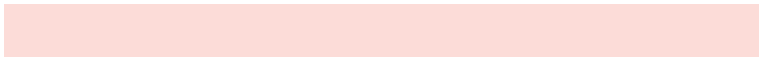
202, 220, 234



234, 202, 209

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.



252, 221, 216



202, 220, 234



242, 221, 239

Square

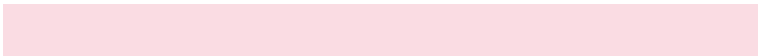
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



202, 220, 234



216, 225, 249



250, 220, 227



222, 237, 205

Rectangle

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



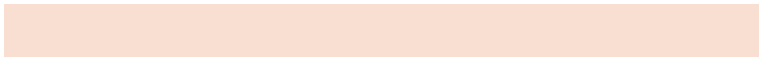
202, 220, 234



202, 220, 244



250, 220, 227



249, 227, 210

Sweetspot

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



202, 220, 234



245, 251, 255



202, 234, 227



121, 125, 128



0, 0, 0



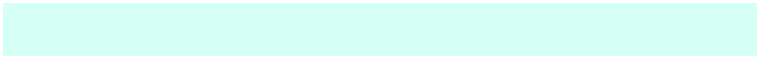
128, 128, 128

Same Dimension

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



202, 220, 234



214, 237, 255



202, 215, 234



106, 112, 117



0, 102, 181



0, 30, 54

Inverse Universe

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



234, 202, 209



255, 214, 223



234, 215, 202



117, 106, 108



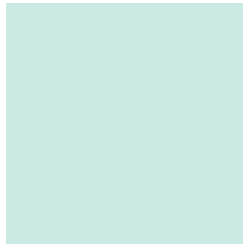
181, 0, 40



54, 0, 12

Previews

White Background



This preview shows how the RYB color 202, 220, 234 looks on a white background.

Color Contrast Check

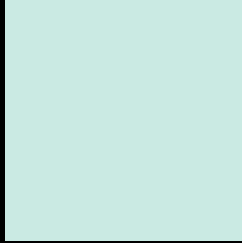
Large Text (above 18pt) WCAG AA × Fail

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 202, 220, 234 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

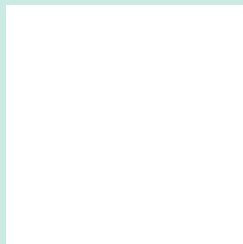
Any Text WCAG AAA ✓ Pass

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

RYB 202, 220, 234 Background



This preview shows how black text looks on a background with the RYB color 202, 220, 234.



This preview shows how white text looks on a background with the RYB color 202, 220, 234.

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](#).

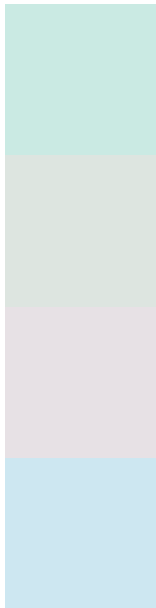
Dichromacy





Tritanopia
206, 222, 249

Trichromacy



Original Color
202, 220, 234

Protanomaly
221, 227, 229

Deuteranomaly
231, 225, 229

Tritanomaly
205, 220, 241

Monochromacy



Original Color
202, 220, 234

Achromatopsia
224, 224, 224

Achromatomaly
216, 223, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 220, 234 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(202, 234, 227)` looks like.

```
.text, #text, p{  
    color:rgb(202, 234, 227)  
}
```

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(202, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 234, 227) }
```

Border

The CSS property to change the border of an element to RYB 202, 220, 234 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(202, 234, 227) }
```

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

```
.border{ border-color:rgb(202, 234, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 234, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 234,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 202, 220, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 234, 227) }
```

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

```
.background{ background-color: rgb(202,  
234, 227) }
```

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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