

Converting Colors

`RYB(203, 213, 232)`

Have a look what the booklet for
RYB(203, 213, 232) contains.

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Color

R_YB(203, 213, 232)

Conversions

Conversions Part 1

Format	Color
Hex	CBDAE8
RGB	203, 218, 232
RGB Percent	80%, 85%, 91%
CMY	0.2039, 0.1441, 0.0902
CMYK	0.13, 0.06, 0.00, 0.09
HSL	208°, 39%, 85%
HSV	208°, 13%, 91%
XYZ	64.3338, 68.8021, 86.2333
YIQ	215.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

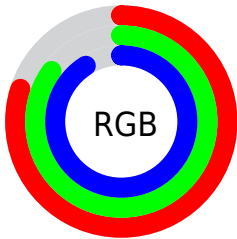
Format	Color
R _Y B	203, 213, 232
Decimal	13359848
CIE Lab	86.41, -2.40, -8.48
CIE LCh	86, 8.812, 254.201
Yxy	68.8021, 0.2933, 0.3136
Android (android.graphics.Color)	4291549928 (0xFFCDBAE8)
YUV	215.1110, 8.3263, -10.6213
Hunter-Lab	82.9470, -6.7126, -3.5761

Details

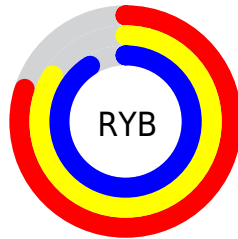
The RYB color **203, 213, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 230, 203**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 158, 176** is the 20% darker color. If you saturate the color by 10%, you get **180, 198, 232**, and if you desaturate by 10%, it is **226, 228, 232**.

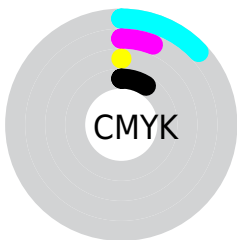
Distribution



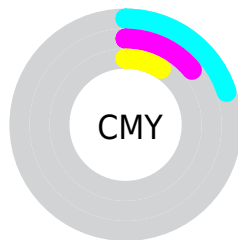
- Red (80%)
- Green (85%)
- Blue (91%)



- Red (80%)
- Yellow (84%)
- Blue (91%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 213, 232 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 203, 213, 232 by changing the saturation by 10% instead.

■ 203, 213, 232

255, 255, 255

■ 203, 213, 232

■ 175, 185, 204

■ 149, 158, 176

■ 123, 132, 150

■ 98, 107, 124

■ 74, 83, 99

■ 51, 59, 75


■ 29, 37, 53

■ 6, 16, 31

■ 0, 0, 6

 203, 213, 232

 203, 213, 232

 180, 198, 232


 226, 228, 232

 157, 183, 232


 249, 247, 232


 133, 167, 232


 237, 255, 232

 110, 152, 232

 232, 255, 232

 87, 137, 232

 64, 122, 232

 41, 107, 232

 17, 91, 232

 0, 80, 232

Harmonies

Analogous

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



197, 210, 227



203, 213, 232



213, 216, 232

Triad

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



203, 213, 232



235, 211, 212



204, 219, 214

Complementary

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



203, 213, 232



232, 230, 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.



202, 219, 200



203, 213, 232



233, 214, 205

Square

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



203, 213, 232



231, 211, 221



228, 228, 200



201, 214, 221

Rectangle

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



203, 213, 232



219, 214, 230



228, 228, 200



202, 219, 209

Sweetspot

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



203, 213, 232



245, 248, 255



203, 223, 232



121, 123, 128



0, 0, 0



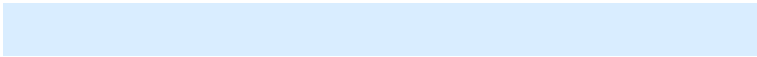
128, 128, 128

Same Dimension

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



203, 213, 232



217, 230, 255



203, 204, 232



103, 107, 115



0, 62, 179



0, 18, 51

Inverse Universe

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



232, 203, 218



255, 217, 237



204, 232, 203



115, 103, 109



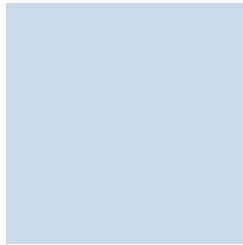
179, 0, 94



51, 0, 27

Previews

White Background



This preview shows how the RYB color 203, 213, 232 looks on a white background.

Color Contrast Check

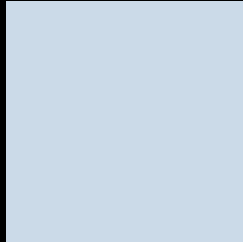
Large Text (above 18pt) WCAG AA × Fail

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 203, 213, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

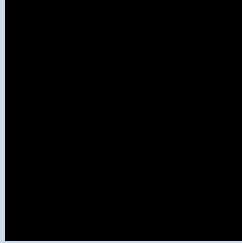
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

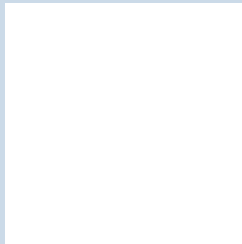
Any Text WCAG AAA ✓ Pass

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

RYB 203, 213, 232 Background



This preview shows how black text looks on a background with the RYB color 203, 213, 232.

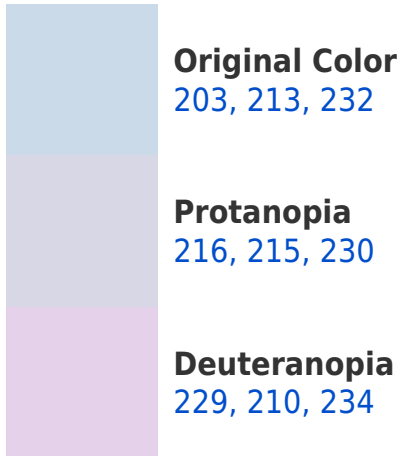


This preview shows how white text looks on a background with the RYB color 203, 213, 232.

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](#).

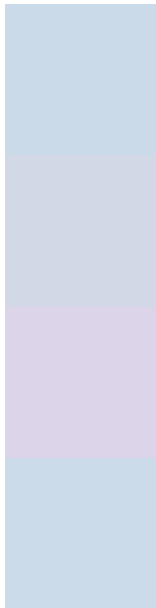
Dichromacy





Tritanopia
204, 214, 235

Trichromacy



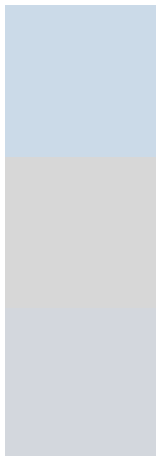
Original Color
203, 213, 232

Protanomaly
211, 215, 231

Deuteranomaly
220, 213, 233

Tritanomaly
204, 214, 234

Monochromacy



Original Color
203, 213, 232

Achromatopsia
215, 215, 215

Achromatomaly
211, 214, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 213, 232 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(203, 218, 232) looks like.

```
.text, #text, p{  
    color:rgb(203, 218, 232)  
}
```

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(203, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 218, 232) }
```

Border

The CSS property to change the border of an element to RYB 203, 213, 232 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(203, 218, 232) }
```

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

```
.border{ border-color:rgb(203, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(203, 218,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 203, 218, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 218, 232) }
```

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

```
.background{ background-color: rgb(203,  
218, 232) }
```

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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