

Converting Colors

`RYB(203, 203, 225)`

Have a look what the booklet for RYB(203, 203, 225) contains.

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Color

R_YB(203, 203, 225)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBE1
RGB	203, 203, 225
RGB Percent	80%, 80%, 88%
CMY	0.2039, 0.2039, 0.1176
CMYK	0.10, 0.10, 0.00, 0.12
HSL	240°, 27%, 84%
HSV	240°, 10%, 88%
XYZ	59.5751, 60.8446, 79.8384
YIQ	205.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

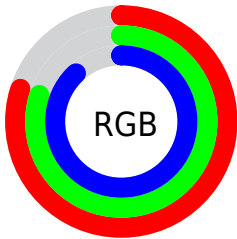
Format	Color
R _{YB}	203, 203, 225
Decimal	13356001
CIE Lab	82.30, 4.22, -10.87
CIE LCh	82, 11.664, 291.197
Yxy	60.8446, 0.2975, 0.3038
Android (android.graphics.Color)	4291546081 (0xFFCBCBE1)
YUV	205.5080, 9.6096, -2.1995
Hunter-Lab	78.0030, -0.1749, -6.0830

Details

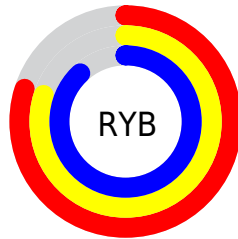
The RYB color `203, 203, 225` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `203, 225, 203`, and the grayscale version is `205, 205, 205`.

A 20% lighter version of the original color is `255, 255, 255`, and `149, 149, 170` is the 20% darker color. If you saturate the color by 10%, you get `180, 180, 225`, and if you desaturate by 10%, it is `225, 225, 225`.

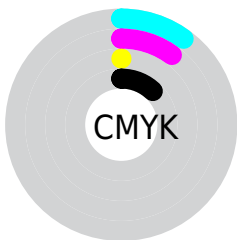
Distribution



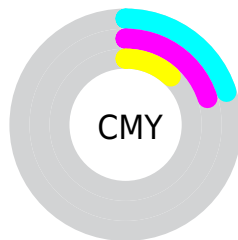
- Red (80%)
- Green (80%)
- Blue (88%)



- Red (80%)
- Yellow (80%)
- Blue (88%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 203, 225 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, 203, 225 by changing the saturation by 10% instead.

■ 203, 203, 225

255, 255, 255

■ 203, 203, 225

■ 176, 176, 197

■ 149, 149, 170

■ 123, 123, 143

■ 98, 98, 118

■ 74, 75, 93

■ 51, 52, 69


■ 30, 31, 47

■ 7, 6, 27

■ 0, 0, 0

 203, 203, 225

 203, 203, 225

 180, 180, 225


 225, 225, 225


 158, 158, 225

 225, 248, 225

 136, 136, 225

 225, 255, 225


 113, 113, 225

 91, 91, 225

 68, 68, 225

 45, 45, 225

 23, 23, 225

 0, 0, 225

Harmonies

Analogous

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



190, 202, 226



203, 203, 225



216, 200, 219

Triad

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



203, 203, 225



226, 206, 188



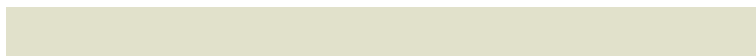
182, 200, 211

Complementary

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



203, 203, 225



203, 225, 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.



191, 209, 207



203, 203, 225



207, 217, 183

Square

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



203, 203, 225



229, 198, 197



184, 206, 185



178, 195, 212

Rectangle

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



203, 203, 225



223, 198, 212



184, 206, 185



185, 203, 211

Sweetspot

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



203, 203, 225



247, 247, 255



203, 214, 225



122, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 203, 225



224, 224, 255



214, 203, 225



101, 101, 112



0, 0, 176



0, 0, 48

Inverse Universe

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



225, 203, 225



255, 224, 255



203, 225, 214



112, 101, 112



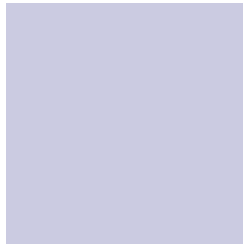
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 203, 203, 225 looks on a white background.

Color Contrast Check

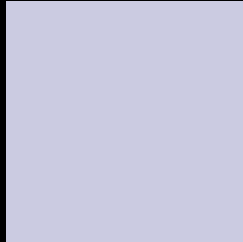
Large Text (above 18pt) WCAG AA × Fail

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, 203, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

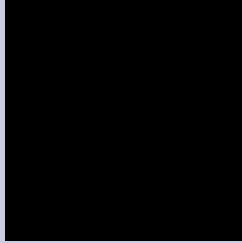
Any Text WCAG AA ✓ Pass

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, 203, 225 Background



This preview shows how black text looks on a background with the RYB color 203, 203, 225.

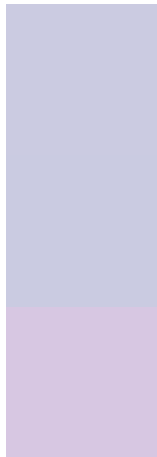


This preview shows how white text looks on a background with the RYB color 203, 203, 225.

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



Original Color
203, 203, 225

Protanopia
202, 203, 225

Deuteranopia
215, 199, 226



Tritanopia

202, 204, 220

Trichromacy



Original Color

203, 203, 225

Protanomaly

202, 203, 225

Deuteranomaly

211, 200, 226

Tritanomaly

202, 204, 222

Monochromacy



Original Color

203, 203, 225

Achromatopsia

206, 206, 206

Achromatomaly

205, 205, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 203, 225 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, 203, 225) looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 225)  
}
```

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, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 225) }
```

Border

The CSS property to change the border of an element to RYB 203, 203, 225 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, 203, 225) }
```

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

```
.border{ border-color:rgb(203, 203, 225) }
```

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

Here you see how a box with a 4 pixel rgb(203, 203, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 225);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 203, 203, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 225) }
```

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

```
.background{ background-color: rgb(203,  
203, 225) }
```

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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