

Converting Colors

`RYB(205, 203, 227)`

Have a look what the booklet for
RYB(205, 203, 227) contains.

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Color

R_YB(205, 203, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CDCBE3
RGB	205, 203, 227
RGB Percent	80%, 80%, 89%
CMY	0.1961, 0.2039, 0.1098
CMYK	0.10, 0.11, 0.00, 0.11
HSL	245°, 30%, 84%
HSV	245°, 11%, 89%
XYZ	60.3979, 61.2371, 81.3097
YIQ	206.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

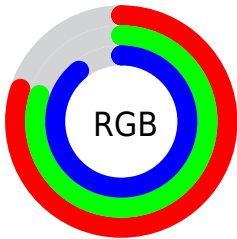
Format	Color
R _Y B	205, 203, 227
Decimal	13487075
CIE Lab	82.51, 5.27, -11.61
CIE LCh	83, 12.752, 294.407
Yxy	61.2371, 0.2976, 0.3017
Android (android.graphics.Color)	4291677155 (0xFFCDCBE3)
YUV	206.3340, 10.1883, -1.1699
Hunter-Lab	78.2541, 0.8248, -6.8272

Details

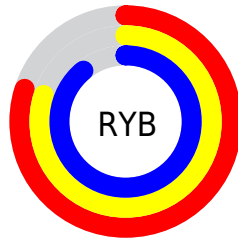
The RYB color **205, 203, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 227, 205**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 149, 172** is the 20% darker color. If you saturate the color by 10%, you get **184, 180, 227**, and if you desaturate by 10%, it is **226, 226, 227**.

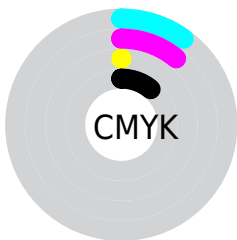
Distribution



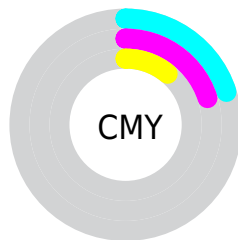
- Red (80%)
- Green (80%)
- Blue (89%)



- Red (80%)
- Yellow (80%)
- Blue (89%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 203, 227 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 205, 203, 227 by changing the saturation by 10% instead.

■ 205, 203, 227

255, 255, 255

■ 205, 203, 227

■ 177, 176, 199

■ 151, 149, 172

■ 125, 123, 145

■ 100, 98, 119

■ 76, 75, 95

■ 53, 52, 71

■ 31, 31, 49

■ 9, 6, 28

■ 0, 0, 0

 205, 203, 227

 205, 203, 227

 184, 180, 227


 226, 226, 227


 163, 158, 227

 227, 248, 228

 143, 135, 227

 227, 255, 227

 122, 112, 227

 101, 89, 227

 80, 67, 227

 59, 44, 227

 39, 21, 227

 19, 0, 227

Harmonies

Analogous

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



190, 202, 229



205, 203, 227



219, 199, 219

Triad

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



205, 203, 227



227, 207, 186



180, 199, 212

Complementary

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



205, 203, 227



203, 227, 205

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, 211, 211



205, 203, 227



205, 218, 182

Square

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



205, 203, 227



231, 198, 196



183, 208, 187



175, 194, 215

Rectangle

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



205, 203, 227



226, 198, 212



183, 208, 187



183, 202, 212

Sweetspot

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



205, 203, 227



248, 247, 255



203, 214, 227



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 203, 227



225, 222, 255



217, 203, 227



104, 103, 115



15, 0, 179



4, 0, 51

Inverse Universe

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



227, 203, 225



255, 222, 252



203, 227, 217



115, 103, 114



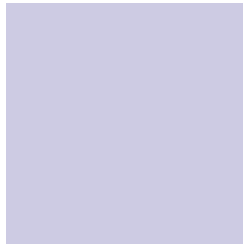
179, 0, 164



51, 0, 47

Previews

White Background



This preview shows how the RYB color 205, 203, 227 looks on a white background.

Color Contrast Check

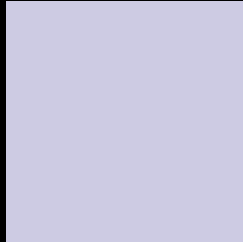
Large Text (above 18pt) WCAG AA × Fail

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 205, 203, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

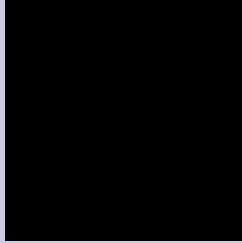
Any Text WCAG AA ✓ Pass

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 205, 203, 227 Background



This preview shows how black text looks on a background with the RYB color 205, 203, 227.

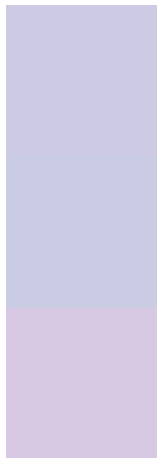


This preview shows how white text looks on a background with the RYB color 205, 203, 227.

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
205, 203, 227

Protanopia
202, 204, 227

Deuteranopia
215, 200, 228



Tritanopia
204, 204, 220

Trichromacy



Original Color
205, 203, 227

Protanomaly
203, 204, 227

Deuteranomaly
211, 201, 228

Tritanomaly
204, 204, 223

Monochromacy



Original Color
205, 203, 227

Achromatopsia
206, 206, 206

Achromatomaly
206, 205, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 203, 227 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(205, 203, 227) looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 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(205, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 227) }
```

Border

The CSS property to change the border of an element to RYB 205, 203, 227 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(205, 203, 227) }
```

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

```
.border{ border-color:rgb(205, 203, 227) }
```

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

Here you see how a box with a 4 pixel rgb(205, 203, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 205, 203, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 227) }
```

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

```
.background{ background-color: rgb(205,  
203, 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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