

Converting Colors

`RYB(223, 205, 231)`

Have a look what the booklet for
RYB(223, 205, 231) contains.

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Color

R_YB(223, 205, 231)

Conversions

Conversions Part 1

Format	Color
Hex	DFCDE7
RGB	223, 205, 231
RGB Percent	87%, 80%, 91%
CMY	0.1255, 0.1961, 0.0941
CMYK	0.03, 0.11, 0.00, 0.09
HSL	282°, 35%, 85%
HSV	282°, 11%, 91%
XYZ	66.6866, 65.1201, 84.6560
YIQ	213.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

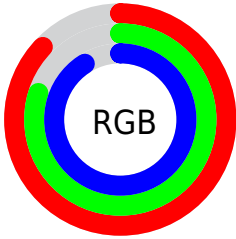
Format	Color
R _Y B	223, 205, 231
Decimal	14667239
CIE Lab	84.55, 10.91, -10.55
CIE LCh	85, 15.176, 315.950
Yxy	65.1201, 0.3081, 0.3008
Android (android.graphics.Color)	4292857319 (0xFFDFCDE7)
YUV	213.3460, 8.7034, 8.4666
Hunter-Lab	80.6971, 6.2893, -5.7108

Details

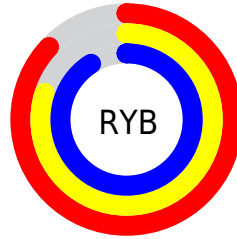
The RYB color **223, 205, 231** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **205, 231, 223**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 151, 175** is the 20% darker color. If you saturate the color by 10%, you get **216, 182, 231**, and if you desaturate by 10%, it is **230, 228, 231**.

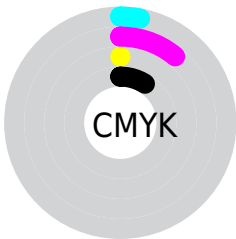
Distribution



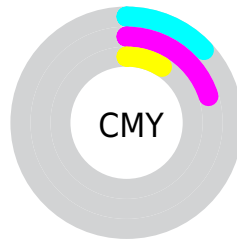
- Red (87%)
- Green (80%)
- Blue (91%)



- Red (87%)
- Yellow (80%)
- Blue (91%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 205, 231 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 223, 205, 231 by changing the saturation by 10% instead.

■ 223, 205, 231

255, 255, 255

■ 223, 205, 231

■ 195, 178, 203

■ 168, 151, 175

■ 141, 125, 149

■ 116, 100, 123

■ 91, 76, 98

■ 67, 53, 74


■ 45, 32, 52

■ 25, 9, 31

■ 0, 0, 3


 223, 205, 231


 223, 205, 231


 216, 182, 231

 230, 228, 231


 209, 159, 231

 231, 251, 245


 202, 136, 231


 231, 255, 242

 195, 113, 231

 231, 255, 235

 187, 90, 231

 231, 255, 231

 180, 66, 231

 173, 43, 231

 166, 20, 231

 160, 0, 231

Harmonies

Analogous

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



205, 209, 238



223, 205, 231



236, 202, 218

Triad

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



223, 205, 231



223, 229, 184



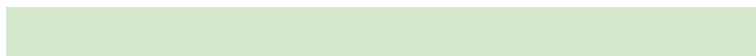
175, 197, 219

Complementary

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



223, 205, 231



205, 231, 223

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.



183, 206, 219



223, 205, 231



185, 214, 183

Square

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



223, 205, 231



239, 209, 191



191, 217, 210



177, 200, 231

Rectangle

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



223, 205, 231



241, 201, 209



191, 217, 210



177, 200, 220

Sweetspot

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



223, 205, 231



253, 247, 255



205, 211, 231



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 205, 231



244, 219, 255



231, 205, 226



111, 103, 115



124, 0, 179



35, 0, 51

Inverse Universe

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



231, 205, 213



255, 219, 230



205, 227, 231



115, 103, 107



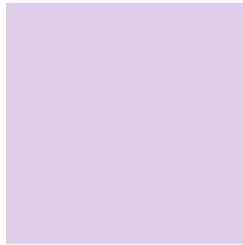
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RYB color 223, 205, 231 looks on a white background.

Color Contrast Check

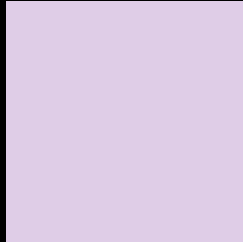
Large Text (above 18pt) WCAG AA × Fail

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 223, 205, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

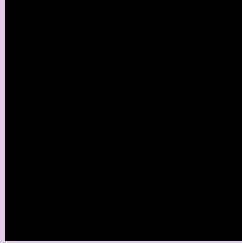
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

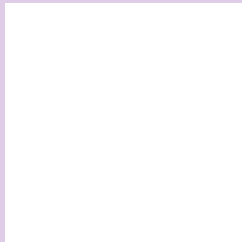
Any Text WCAG AAA ✓ Pass

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

RYB 223, 205, 231 Background



This preview shows how black text looks on a background with the RYB color 223, 205, 231.



This preview shows how white text looks on a background with the RYB color 223, 205, 231.

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
223, 205, 231

Protanopia
208, 210, 234

Deuteranopia
222, 205, 231



Tritanopia
222, 206, 223

Trichromacy



Original Color
223, 205, 231

Protanomaly
213, 208, 233

Deuteranomaly
222, 205, 231

Tritanomaly
222, 206, 226

Monochromacy



Original Color
223, 205, 231

Achromatopsia
213, 213, 213

Achromatomaly
217, 210, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 205, 231 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(223, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 231)  
}
```

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(223, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 231) }
```

Border

The CSS property to change the border of an element to RYB 223, 205, 231 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(223, 205, 231) }
```

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

```
.border{ border-color:rgb(223, 205, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 223, 205, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 231) }
```

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

```
.background{ background-color: rgb(223,  
205, 231) }
```

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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