

Converting Colors

`RYB(223, 216, 227)`

Have a look what the booklet for RYB(223, 216, 227) contains.

RYB(223, 216, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(223, 216, 227)$

Conversions

Conversions Part 1

Format	Color
Hex	DFD8E3
RGB	223, 216, 227
RGB Percent	87%, 85%, 89%
CMY	0.1255, 0.1529, 0.1098
CMYK	0.02, 0.05, 0.00, 0.11
HSL	278°, 16%, 87%
HSV	278°, 5%, 89%
XYZ	68.8524, 70.3458, 82.6222
YIQ	219.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

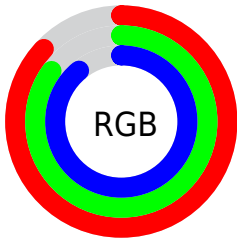
Format	Color
R _Y B	223, 216, 227
Decimal	14670051
CIE Lab	87.17, 4.37, -4.55
CIE LCh	87, 6.308, 313.856
Yxy	70.3458, 0.3104, 0.3171
Android (android.graphics.Color)	4292860131 (0xFFDFD8E3)
YUV	219.3470, 3.7729, 3.2037
Hunter-Lab	83.8724, -0.2426, 0.3044

Details

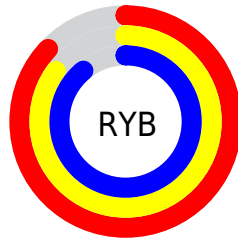
The RYB color **223, 216, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216, 227, 223**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 161, 172** is the 20% darker color. If you saturate the color by 10%, you get **215, 193, 227**, and if you desaturate by 10%, it is **227, 239, 235**.

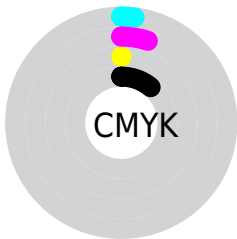
Distribution



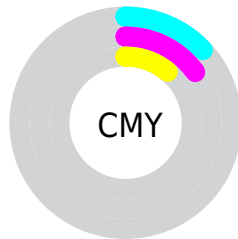
- Red (87%)
- Green (85%)
- Blue (89%)



- Red (87%)
- Yellow (85%)
- Blue (89%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 216, 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 223, 216, 227 by changing the saturation by 10% instead.

■ 223, 216, 227

255, 255, 255

■ 223, 216, 227

■ 195, 188, 199

■ 168, 161, 172

■ 141, 135, 145

■ 116, 110, 119

■ 91, 85, 95

■ 68, 62, 71

■ 46, 40, 49

■ 25, 20, 28

■ 0, 0, 0

 223, 216, 227

 223, 216, 227

 215, 193, 227


 227, 239, 235

 206, 171, 227


 227, 255, 242

 198, 148, 227


 227, 255, 234

 190, 125, 227


 227, 255, 227

 182, 103, 227

 173, 80, 227

 165, 57, 227

 157, 34, 227

 149, 12, 227

Harmonies

Analogous

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



216, 218, 230



223, 216, 227



229, 215, 222

Triad

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



223, 216, 227



227, 227, 207



204, 213, 222

Complementary

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



223, 216, 227



216, 227, 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.



207, 217, 222



223, 216, 227



209, 221, 207

Square

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



223, 216, 227



231, 217, 210



210, 221, 218



205, 214, 226

Rectangle

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



223, 216, 227



231, 214, 218



210, 221, 218



205, 214, 222

Sweetspot

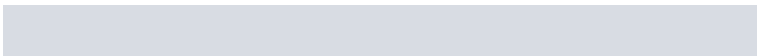
The Sweet Spot groups the original color and five complimentary colors.



223, 216, 227



254, 252, 255



216, 219, 227



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 216, 227



249, 240, 255



227, 216, 226



112, 107, 115



114, 0, 179



32, 0, 51

Inverse Universe

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



227, 216, 220



255, 240, 245



216, 226, 227



115, 107, 110



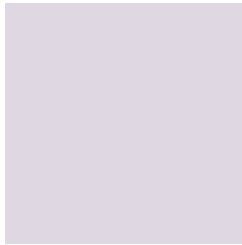
179, 0, 65



51, 0, 19

Previews

White Background



This preview shows how the RYB color 223, 216, 227 looks on a white background.

Color Contrast Check

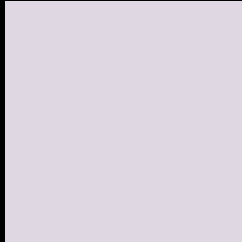
Large Text (above 18pt) WCAG AA × Fail

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 223, 216, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

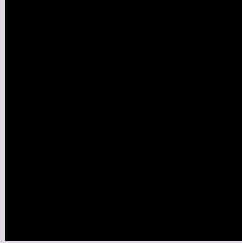
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

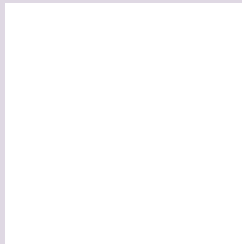
Any Text WCAG AAA ✓ Pass

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

RYB 223, 216, 227 Background



This preview shows how black text looks on a background with the RYB color 223, 216, 227.

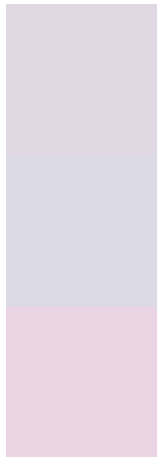


This preview shows how white text looks on a background with the RYB color 223, 216, 227.

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
223, 216, 227

Protanopia
219, 217, 228

Deuteranopia
235, 212, 228



Tritanopia

224, 215, 232

Trichromacy



Original Color

223, 216, 227

Protanomaly

220, 217, 228

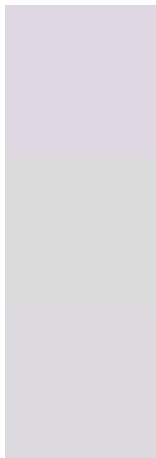
Deuteranomaly

231, 213, 228

Tritanomaly

224, 215, 230

Monochromacy



Original Color

223, 216, 227

Achromatopsia

219, 219, 219

Achromatomaly

220, 218, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 216, 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(223, 216, 227) looks like.

```
.text, #text, p{  
    color:rgb(223, 216, 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(223, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 216, 227) }
```

Border

The CSS property to change the border of an element to RYB 223, 216, 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(223, 216, 227) }
```

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

```
.border{ border-color:rgb(223, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 216,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 223, 216, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 216, 227) }
```

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

```
.background{ background-color: rgb(223,  
216, 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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