

Converting Colors

`RYB(216, 204, 234)`

Have a look what the booklet for
RYB(216, 204, 234) contains.

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Color

R_YB(216, 204, 234)

Conversions

Conversions Part 1

Format	Color
Hex	D8CCEA
RGB	216, 204, 234
RGB Percent	85%, 80%, 92%
CMY	0.1529, 0.2000, 0.0824
CMYK	0.08, 0.13, 0.00, 0.08
HSL	264°, 42%, 86%
HSV	264°, 13%, 92%
XYZ	64.7631, 63.7252, 86.7287
YIQ	211.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

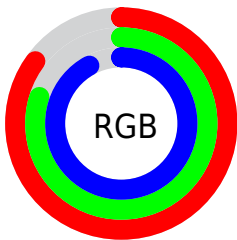
Format	Color
R _Y B	216, 204, 234
Decimal	14208234
CIE Lab	83.82, 9.71, -13.29
CIE LCh	84, 16.457, 306.161
Yxy	63.7252, 0.3009, 0.2961
Android (android.graphics.Color)	4292398314 (0xFFD8CCEA)
YUV	211.0080, 11.3351, 4.3780
Hunter-Lab	79.8280, 5.1147, -8.5356

Details

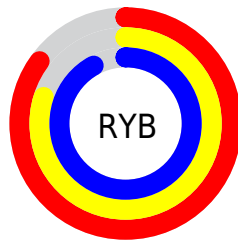
The RYB color **216, 204, 234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **204, 234, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **161, 150, 178** is the 20% darker color. If you saturate the color by 10%, you get **202, 181, 234**, and if you desaturate by 10%, it is **230, 227, 234**.

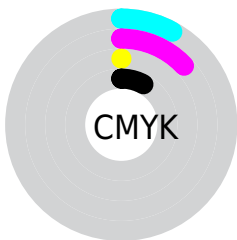
Distribution



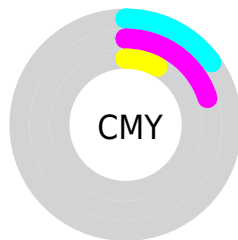
- Red (85%)
- Green (80%)
- Blue (92%)



- Red (85%)
- Yellow (80%)
- Blue (92%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 204, 234 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 216, 204, 234 by changing the saturation by 10% instead.

■ 216, 204, 234

255, 255, 255

■ 216, 204, 234

■ 188, 177, 206

■ 161, 150, 178

■ 135, 124, 152

■ 109, 99, 126

■ 85, 75, 101

■ 62, 53, 77


■ 39, 31, 54

■ 20, 8, 33

■ 0, 0, 6

 216, 204, 234


 216, 204, 234

 202, 181, 234


 230, 227, 234

 188, 157, 234

 234, 251, 241

 174, 134, 234


 234, 255, 234


 160, 110, 234

 146, 87, 234

 132, 64, 234

 118, 40, 234

 104, 17, 234

 94, 0, 234

Harmonies

Analogous

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



196, 206, 239



216, 204, 234



232, 200, 222

Triad

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



216, 204, 234



233, 222, 181



172, 197, 218

Complementary

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



216, 204, 234



204, 234, 216

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.



184, 208, 217



216, 204, 234



190, 218, 178

Square

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



216, 204, 234



241, 202, 191



184, 214, 197



169, 195, 227

Rectangle

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



216, 204, 234



239, 199, 212



184, 214, 197



175, 200, 218

Sweetspot

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



216, 204, 234



249, 245, 255



204, 215, 234



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 204, 234



232, 217, 255



230, 204, 234



110, 106, 117



72, 0, 181



21, 0, 54

Inverse Universe

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



234, 204, 222



255, 217, 240



204, 234, 230



117, 106, 113



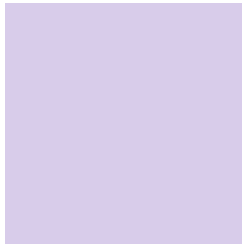
181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RYB color 216, 204, 234 looks on a white background.

Color Contrast Check

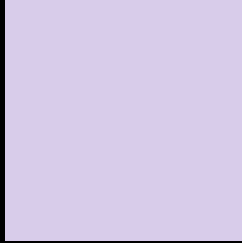
Large Text (above 18pt) WCAG AA × Fail

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 216, 204, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

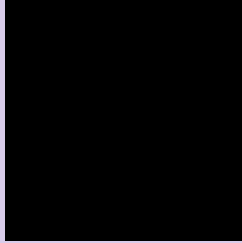
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

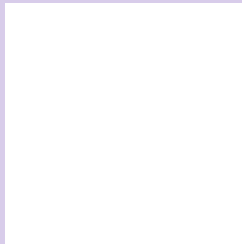
Any Text WCAG AAA ✓ Pass

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

RYB 216, 204, 234 Background



This preview shows how black text looks on a background with the RYB color 216, 204, 234.



This preview shows how white text looks on a background with the RYB color 216, 204, 234.

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
216, 204, 234

Protanopia
205, 207, 236

Deuteranopia
218, 203, 234



Tritanopia
214, 206, 222

Trichromacy



Original Color
216, 204, 234

Protanomaly
209, 206, 235

Deuteranomaly
217, 203, 234

Tritanomaly
215, 205, 226

Monochromacy



Original Color
216, 204, 234

Achromatopsia
211, 211, 211

Achromatomaly
213, 208, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 204, 234 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(216, 204, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 234)  
}
```

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(216, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 234) }
```

Border

The CSS property to change the border of an element to RYB 216, 204, 234 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(216, 204, 234) }
```

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

```
.border{ border-color:rgb(216, 204, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 216, 204, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 234) }
```

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

```
.background{ background-color: rgb(216,  
204, 234) }
```

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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