

Converting Colors

`RYB(215, 204, 232)`

Have a look what the booklet for
RYB(215, 204, 232) contains.

RYB(215, 204, 232)	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

R_YB(215, 204, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D7CCE8
RGB	215, 204, 232
RGB Percent	84%, 80%, 91%
CMY	0.1569, 0.2000, 0.0902
CMYK	0.07, 0.12, 0.00, 0.09
HSL	264°, 38%, 85%
HSV	264°, 12%, 91%
XYZ	64.1827, 63.4590, 85.2100
YIQ	210.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

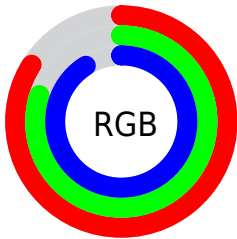
Format	Color
R _Y B	215, 204, 232
Decimal	14142696
CIE Lab	83.68, 8.99, -12.44
CIE LCh	84, 15.349, 305.865
Yxy	63.4590, 0.3015, 0.2981
Android (android.graphics.Color)	4292332776 (0xFFD7CCE8)
YUV	210.4810, 10.6089, 3.9632
Hunter-Lab	79.6612, 4.4097, -7.6570

Details

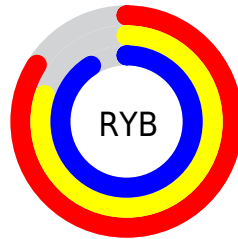
The RYB color **215, 204, 232** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **204, 232, 215**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 150, 176** is the 20% darker color. If you saturate the color by 10%, you get **201, 181, 232**, and if you desaturate by 10%, it is **229, 227, 232**.

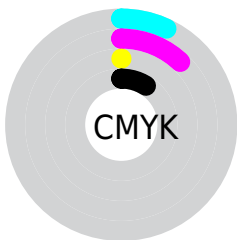
Distribution



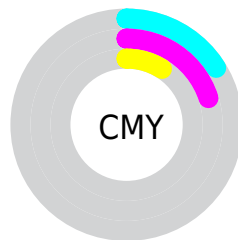
- Red (84%)
- Green (80%)
- Blue (91%)



- Red (84%)
- Yellow (80%)
- Blue (91%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 204, 232 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 215, 204, 232 by changing the saturation by 10% instead.

■ 215, 204, 232

255, 255, 255

■ 215, 204, 232

■ 187, 177, 204

■ 160, 150, 176

■ 134, 124, 150

■ 109, 99, 124

■ 84, 75, 99

■ 61, 53, 75


■ 39, 31, 52

■ 19, 8, 31

■ 0, 0, 4

 215, 204, 232

 215, 204, 232

 201, 181, 232

 229, 227, 232

 187, 158, 232


 232, 250, 239

 173, 134, 232

 232, 255, 232


 159, 111, 232

 145, 88, 232

 130, 65, 232

 116, 42, 232

 102, 18, 232

 91, 0, 232

Harmonies

Analogous

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



197, 206, 237



215, 204, 232



230, 200, 221

Triad

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



215, 204, 232



231, 220, 183



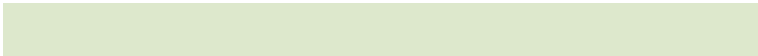
174, 197, 217

Complementary

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



215, 204, 232



204, 232, 215

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.



185, 208, 216



215, 204, 232



192, 217, 180

Square

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



215, 204, 232



239, 202, 192



185, 213, 197



172, 196, 225

Rectangle

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



215, 204, 232



237, 199, 211



185, 213, 197



177, 200, 217

Sweetspot

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



215, 204, 232



249, 245, 255



204, 215, 232



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 204, 232



233, 219, 255



229, 204, 232



108, 103, 115



70, 0, 179



20, 0, 51

Inverse Universe

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



232, 204, 221



255, 219, 241



204, 232, 229



115, 103, 110



179, 0, 108



51, 0, 31

Previews

White Background



This preview shows how the RYB color 215, 204, 232 looks on a white background.

Color Contrast Check

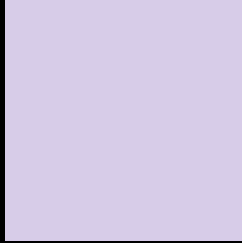
Large Text (above 18pt) WCAG AA × Fail

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 215, 204, 232 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](#).

RYP 215, 204, 232 Background



This preview shows how black text looks on a background with the RYB color 215, 204, 232.



This preview shows how white text looks on a background with the RYB color 215, 204, 232.

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
215, 204, 232

Protanopia
205, 207, 234

Deuteranopia
218, 203, 232



Tritanopia
213, 206, 222

Trichromacy



Original Color
215, 204, 232

Protanomaly
209, 206, 233

Deuteranomaly
217, 203, 232

Tritanomaly
214, 205, 226

Monochromacy



Original Color
215, 204, 232

Achromatopsia
210, 210, 210

Achromatomaly
212, 208, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 204, 232 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(215, 204, 232) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 232)  
}
```

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(215, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 232) }
```

Border

The CSS property to change the border of an element to RYB 215, 204, 232 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(215, 204, 232) }
```

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

```
.border{ border-color:rgb(215, 204, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 204, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 215, 204, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 232) }
```

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

```
.background{ background-color: rgb(215,  
204, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor