

Converting Colors

`RYB(219, 176, 215)`

Have a look what the booklet for RYB(219, 176, 215) contains.

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Color

R_YB(219, 176, 215)

Conversions

Conversions Part 1

Format	Color
Hex	DBB0D7
RGB	219, 176, 215
RGB Percent	86%, 69%, 84%
CMY	0.1412, 0.3098, 0.1569
CMYK	0.00, 0.20, 0.02, 0.14
HSL	306°, 37%, 77%
HSV	306°, 20%, 86%
XYZ	57.0045, 51.0170, 71.1328
YIQ	193.3030, 13.1090, 21.2450

Conversions

Conversions Part 2

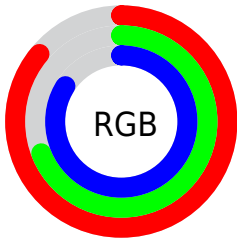
Format	Color
R _{YB}	219, 176, 215
Decimal	14397655
CIE Lab	76.69, 22.13, -13.73
CIE LCh	77, 26.048, 328.187
Yxy	51.0170, 0.3182, 0.2848
Android (android.graphics.Color)	4292587735 (0xFFDDBB0D7)
YUV	193.3030, 10.6966, 22.5363
Hunter-Lab	71.4262, 17.4631, -9.0481

Details

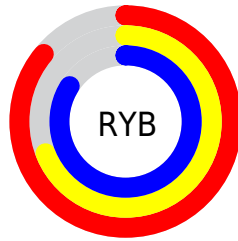
The RYB color **219, 176, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 215, 219**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 232, 255**, and **164, 123, 160** is the 20% darker color. If you saturate the color by 10%, you get **219, 154, 213**, and if you desaturate by 10%, it is **219, 198, 217**.

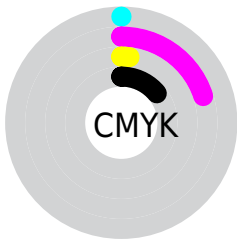
Distribution



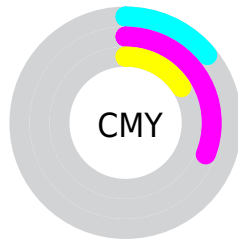
- Red (86%)
- Green (69%)
- Blue (84%)



- Red (86%)
- Yellow (69%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 176, 215 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 219, 176, 215 by changing the saturation by 10% instead.

 219, 176, 215

255, 255, 255


 255, 232, 255

 219, 176, 215

 191, 149, 187

 164, 123, 160


 137, 98, 134

 111, 74, 109

 86, 51, 84

 63, 29, 61

 40, 7, 39

 11, 0, 18

 0, 0, 0

 219, 176, 215

 219, 176, 215

 219, 154, 213

 219, 198, 217

 219, 132, 211

 219, 220, 220

 219, 110, 209

 219, 240, 242

 219, 88, 207

 219, 251, 255

 219, 66, 205


 219, 250, 255

 219, 45, 203


 219, 248, 255

 219, 23, 201

 219, 247, 255

 219, 1, 199

 219, 246, 255

 219, 0, 199

 219, 245, 255

Harmonies

Analogous

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



191, 184, 232



219, 176, 215



235, 172, 192

Triad

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



219, 176, 215



174, 209, 141



119, 163, 211

Complementary

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



219, 176, 215



176, 215, 219

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.



131, 172, 203



219, 176, 215



146, 195, 158

Square

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



219, 176, 215



228, 197, 149



155, 193, 200



130, 171, 229

Rectangle

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



219, 176, 215



239, 172, 175



155, 193, 200



121, 162, 203

Sweetspot

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



219, 176, 215



255, 240, 254



180, 176, 219



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



219, 176, 215



255, 194, 249



219, 176, 194



110, 99, 109



173, 0, 157



46, 0, 42

Inverse Universe

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



219, 176, 215



255, 194, 249



176, 203, 219



110, 99, 109



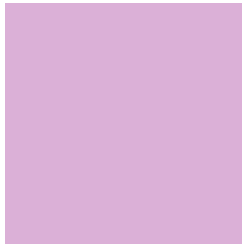
173, 0, 157



46, 0, 42

Previews

White Background



This preview shows how the RYB color 219, 176, 215 looks on a white background.

Color Contrast Check

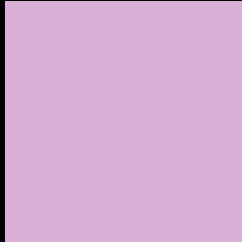
Large Text (above 18pt) WCAG AA × Fail

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 219, 176, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

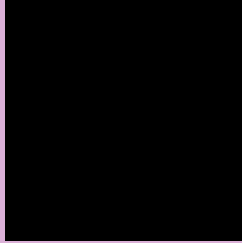
Any Text WCAG AA ✓ Pass

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 219, 176, 215 Background



This preview shows how black text looks on a background with the RYB color 219, 176, 215.



This preview shows how white text looks on a background with the RYB color 219, 176, 215.

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
219, 176, 215

Protanopia
183, 187, 223

Deuteranopia
197, 185, 213



Tritanopia
216, 180, 194

Trichromacy



Original Color
219, 176, 215

Protanomaly
196, 184, 220

Deuteranomaly
205, 182, 214

Tritanomaly
217, 179, 202

Monochromacy



Original Color
219, 176, 215

Achromatopsia
193, 193, 193

Achromatomaly
202, 187, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 176, 215 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(219, 176, 215)` looks like.

```
.text, #text, p{  
    color:rgb(219, 176, 215)  
}
```

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(219, 176, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 176, 215) }
```

Border

The CSS property to change the border of an element to RYB 219, 176, 215 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(219, 176, 215) }
```

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

```
.border{ border-color:rgb(219, 176, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 176, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 176, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 176, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 176,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 219, 176, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 176, 215) }
```

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

```
.background{ background-color: rgb(219,  
176, 215) }
```

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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