

Converting Colors

`RYB(207, 176, 232)`

Have a look what the booklet for
RYB(207, 176, 232) contains.

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Color

R_YB(207, 176, 232)

Conversions

Conversions Part 1

Format	Color
Hex	CFB0E8
RGB	207, 176, 232
RGB Percent	81%, 69%, 91%
CMY	0.1882, 0.3098, 0.0902
CMYK	0.11, 0.24, 0.00, 0.09
HSL	273°, 55%, 80%
HSV	273°, 24%, 91%
XYZ	55.8229, 50.1423, 83.0802
YIQ	191.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

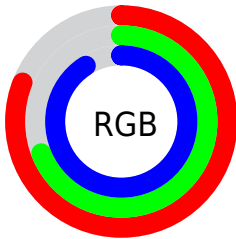
Format	Color
R_{YB}	207, 176, 232
Decimal	13611240
CIE _{Lab}	76.16, 21.50, -23.87
CIE _{LCh}	76, 32.122, 312.010
Yxy	50.1423, 0.2953, 0.2652
Android (android.graphics.Color)	4291801320 (0xFFCFB0E8)
YUV	191.6530, 19.8911, 13.4593
Hunter-Lab	70.8112, 16.7982, -19.9949

Details

The RYB color **207, 176, 232** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 232, 207**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 232, 255**, and **152, 123, 176** is the 20% darker color. If you saturate the color by 10%, you get **197, 153, 232**, and if you desaturate by 10%, it is **217, 199, 232**.

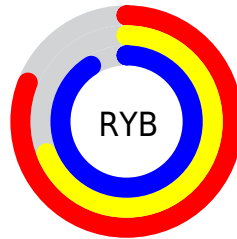
Distribution



Red (81%)

Green (69%)

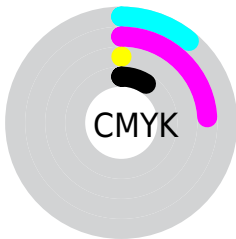
Blue (91%)



Red (81%)

Yellow (69%)

Blue (91%)

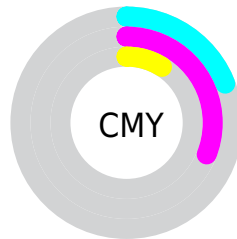


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (19%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 176, 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 207, 176, 232 by changing the saturation by 10% instead.

 207, 176, 232

255, 255, 255


 255, 232, 255

 207, 176, 232

 179, 149, 204

 152, 123, 176


 126, 98, 149

 100, 74, 123

 76, 51, 98

 52, 29, 74

 30, 8, 51

 0, 0, 30

 0, 0, 0

■ 207, 176, 232

■ 207, 176, 232

■ 197, 153, 232

■ 217, 199, 232

■ 186, 130, 232

■ 228, 222, 232

■ 176, 106, 232

■ 232, 246, 240

■ 166, 83, 232

■ 232, 255, 239

■ 155, 60, 232

■ 232, 255, 232

■ 145, 37, 232

■ 135, 14, 232

■ 128, 0, 232

Harmonies

Analogous

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



167, 183, 245



207, 176, 232



235, 168, 207

Triad

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



207, 176, 232



216, 224, 132



100, 153, 204

Complementary

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



207, 176, 232



176, 232, 207

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.



129, 177, 203



207, 176, 232



137, 197, 129

Square

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



207, 176, 232



243, 178, 149



143, 198, 177



95, 154, 226

Rectangle

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



207, 176, 232



245, 166, 187



143, 198, 177



108, 160, 204

Sweetspot

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



207, 176, 232



247, 237, 255



176, 193, 232



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 176, 232



222, 181, 255



232, 176, 229



110, 103, 115



99, 0, 179



28, 0, 51

Inverse Universe

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



232, 176, 201



255, 181, 214



176, 229, 232



115, 103, 108



179, 0, 80



51, 0, 23

Previews

White Background



This preview shows how the RYB color 207, 176, 232 looks on a white background.

Color Contrast Check

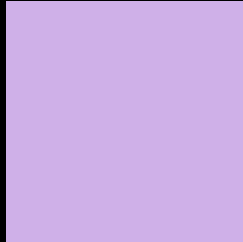
Large Text (above 18pt) WCAG AA × Fail

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 207, 176, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

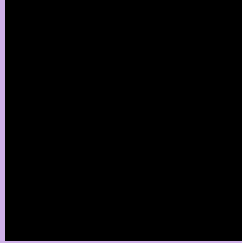
Any Text WCAG AA ✓ Pass

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](#).

RYB 207, 176, 232 Background



This preview shows how black text looks on a background with the RYB color 207, 176, 232.



This preview shows how white text looks on a background with the RYB color 207, 176, 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
207, 176, 232

Protanopia
175, 184, 239

Deuteranopia
185, 184, 230



Tritanopia
201, 182, 197

Trichromacy



Original Color
207, 176, 232

Protanomaly
187, 182, 236

Deuteranomaly
193, 181, 231

Tritanomaly
203, 180, 210

Monochromacy



Original Color
207, 176, 232

Achromatopsia
192, 192, 192

Achromatomaly
197, 186, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 176, 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(207, 176, 232) looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 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(207, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 232) }
```

Border

The CSS property to change the border of an element to RYB 207, 176, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

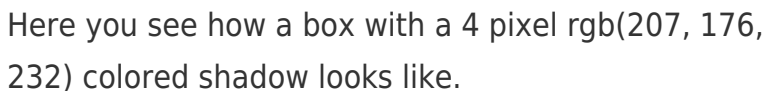
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 176, 232) }
```

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

```
.border{ border-color:rgb(207, 176, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 176, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 176, 232); box-shadow:4px 4px 4px 4px rgb(207, 176, 232) }
```

Background

The CSS property to change the background color of an element to RGB 207, 176, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 232) }
```

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

```
.background{ background-color: rgb(207,  
176, 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](#).

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