

Converting Colors

`RYB(217, 140, 186)`

Have a look what the booklet for
RYB(217, 140, 186) contains.

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Color

R_YB(217, 140, 186)

Conversions

Conversions Part 1

Format	Color
Hex	D98CBA
RGB	217, 140, 186
RGB Percent	85%, 55%, 73%
CMY	0.1490, 0.4510, 0.2706
CMYK	0.00, 0.35, 0.14, 0.15
HSL	324°, 50%, 70%
HSV	324°, 35%, 85%
XYZ	46.8563, 37.0531, 51.1367
YIQ	168.2670, 31.1260, 30.6300

Conversions

Conversions Part 2

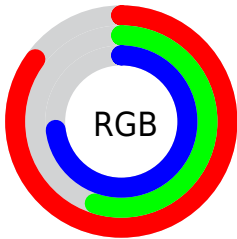
Format	Color
R_{YB}	217, 140, 186
Decimal	14257338
CIE _{Lab}	67.32, 35.86, -11.81
CIE _{LCh}	67, 37.755, 341.770
Yxy	37.0531, 0.3470, 0.2744
Android (android.graphics.Color)	4292447418 (0xFFD98CBA)
YUV	168.2670, 8.7424, 42.7388
Hunter-Lab	60.8712, 30.8777, -7.1985

Details

The RYB color **217, 140, 186** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **140, 195, 217**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 195, 242**, and **161, 88, 133** is the 20% darker color. If you saturate the color by 10%, you get **217, 118, 177**, and if you desaturate by 10%, it is **217, 162, 195**.

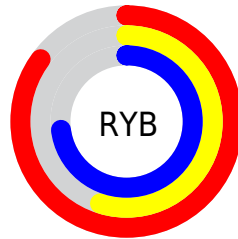
Distribution



Red (85%)

Green (55%)

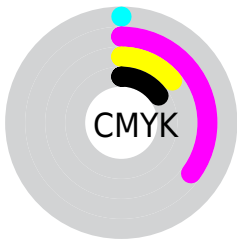
Blue (73%)



Red (85%)

Yellow (55%)

Blue (73%)

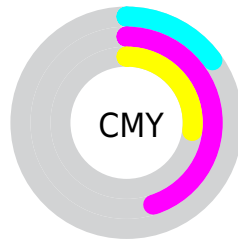


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 140, 186 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 217, 140, 186 by changing the saturation by 10% instead.

 217, 140, 186

255, 255, 255


 255, 195, 242

 255, 223, 255

 255, 252, 255

 217, 140, 186

 189, 114, 159

 161, 88, 133

 134, 63, 108


 107, 39, 83


 82, 12, 60


 57, 0, 38


 35, 0, 17

 0, 0, 0


 217, 140, 186

 217, 140, 186

 217, 118, 177

 217, 162, 195

 217, 97, 169

 217, 183, 203

 217, 75, 160

 217, 205, 212

 217, 53, 151


 217, 224, 227

 217, 32, 142

 217, 240, 249

 217, 10, 134

 217, 241, 255

 217, 0, 130

 217, 238, 255

 217, 236, 255

Harmonies

Analogous

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



185, 150, 215



217, 140, 186



230, 137, 152

Triad

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



217, 140, 186



104, 173, 96



0, 96, 208

Complementary

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



217, 140, 186



140, 195, 217

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.



38, 111, 182



217, 140, 186



112, 175, 152

Square

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



217, 140, 186



193, 204, 100



92, 149, 180



75, 135, 228

Rectangle

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



217, 140, 186



228, 142, 130



92, 149, 180



0, 95, 199

Sweetspot

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



217, 140, 186



255, 227, 244



171, 140, 217



128, 111, 121



0, 0, 0



128, 128, 128

Same Dimension

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



217, 140, 186



255, 145, 211



217, 140, 148



110, 99, 105



173, 0, 104



46, 0, 27

Inverse Universe

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



217, 140, 186



255, 145, 211



140, 181, 217



110, 99, 105



173, 0, 104



46, 0, 27

Previews

White Background



This preview shows how the RYB color 217, 140, 186 looks on a white background.

Color Contrast Check

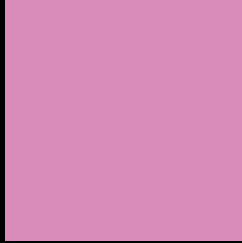
Large Text (above 18pt) WCAG AA × Fail

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 217, 140, 186 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 217, 140, 186 Background



This preview shows how black text looks on a background with the RYB color 217, 140, 186.

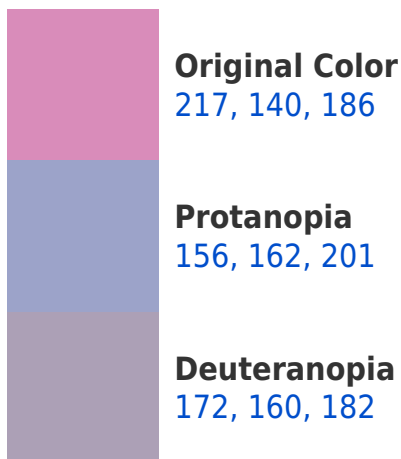



This preview shows how white text looks on a background with the RYB color 217, 140, 186.

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





Tritanopia
214, 145, 157

Trichromacy



Original Color
217, 140, 186

Protanomaly
178, 155, 196

Deuteranomaly
188, 153, 183

Tritanomaly
215, 143, 168

Monochromacy



Original Color
217, 140, 186

Achromatopsia
168, 168, 168

Achromatomaly
186, 158, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 140, 186 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(217, 140, 186) looks like.

```
.text, #text, p{  
    color:rgb(217, 140, 186)  
}
```

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(217, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 140, 186) }
```

Border

The CSS property to change the border of an element to RYB 217, 140, 186 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(217, 140, 186) }
```

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

```
.border{ border-color:rgb(217, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 140,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 217, 140, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 140, 186) }
```

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

```
.background{ background-color: rgb(217,  
140, 186) }
```

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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