

Converting Colors

RGB(217, 190, 240)

Have a look what the booklet for
RGB(217, 190, 240) contains.

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Color

RGB(217, 190, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D9BEF0
RGB	217, 190, 240
RGB Percent	85%, 75%, 94%
CMY	0.1490, 0.2549, 0.0588
CMYK	0.10, 0.21, 0.00, 0.06
HSL	272°, 62%, 84%
HSV	272°, 21%, 94%
XYZ	62.7569, 57.8699, 90.3004
YIQ	203.7730, 0.0420, 21.2740

Conversions

Conversions Part 2

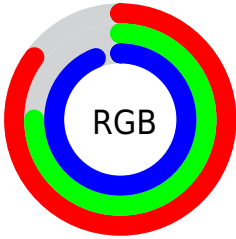
Format	Color
R_{YB}	217, 190, 240
Decimal	14270192
CIE _{Lab}	80.67, 18.72, -21.24
CIE _{LCh}	81, 28.314, 311.398
Yxy	57.8699, 0.2975, 0.2744
Android (android.graphics.Color)	4292460272 (0xFFD9BEF0)
YUV	203.7730, 17.8599, 11.6001
Hunter-Lab	76.0723, 14.1297, -17.1287

Details

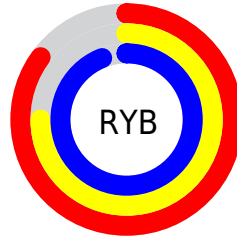
The RGB color **217, 190, 240** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213, 240, 190**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 246, 255**, and **162, 137, 184** is the 20% darker color. If you saturate the color by 10%, you get **206, 166, 240**, and if you desaturate by 10%, it is **228, 214, 240**.

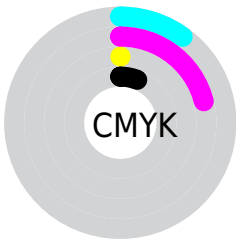
Distribution



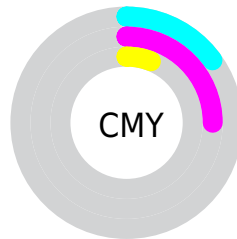
- Red (85%)
- Green (75%)
- Blue (94%)



- Red (85%)
- Yellow (75%)
- Blue (94%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 190, 240 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 RGB color 217, 190, 240 by changing the saturation by 10% instead.

■ 217, 190, 240

255, 255, 255

■ 255, 246, 255

■ 217, 190, 240

■ 189, 163, 212

■ 162, 137, 184

■ 135, 111, 157

■ 110, 87, 131


■ 85, 63, 105

■ 61, 41, 81


■ 38, 20, 58

■ 21, 0, 37

■ 0, 0, 12

 217, 190, 240

 217, 190, 240

 206, 166, 240


 228, 214, 240

 195, 142, 240

 239, 238, 240


 184, 118, 240


 250, 255, 240

 173, 94, 240

 255, 255, 240

 162, 70, 240

 151, 46, 240

 140, 22, 240

 130, 0, 240

Harmonies

Analogous

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



182, 199, 252



217, 190, 240



242, 183, 218

Triad

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



217, 190, 240



234, 193, 151



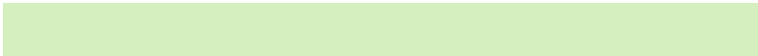
127, 215, 210

Complementary

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



217, 190, 240



213, 240, 190

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.



150, 214, 182



217, 190, 240



209, 202, 148

Square

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



217, 190, 240



250, 185, 166



180, 209, 160



124, 213, 234

Rectangle

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



217, 190, 240



252, 181, 200



180, 209, 160



133, 215, 201

Sweetspot

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



217, 190, 240



248, 240, 255



190, 213, 240



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 190, 240



226, 191, 255



240, 190, 238



114, 108, 120



99, 0, 184



30, 0, 56

Inverse Universe

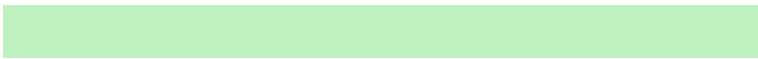
The Inverse Universe completely reimagines the original color for something new.



240, 190, 213



255, 191, 221



190, 240, 192



120, 108, 113



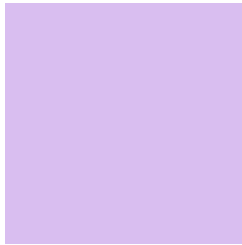
184, 0, 84



56, 0, 26

Previews

White Background



This preview shows how the RGB color 217, 190, 240 looks on a white background.

Color Contrast Check

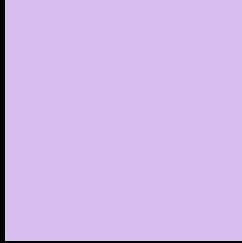
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 190, 240 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](#).

RGB 217, 190, 240 Background



This preview shows how black text looks on a background with the RGB color 217, 190, 240.



This preview shows how white text looks on a background with the RGB color 217, 190, 240.

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
217, 190, 240

Protanopia
189, 198, 246

Deuteranopia
201, 196, 239



Tritanopia
212, 195, 211

Trichromacy



Original Color
217, 190, 240

Protanomaly
199, 195, 244

Deuteranomaly
207, 194, 239

Tritanomaly
214, 193, 222

Monochromacy



Original Color
217, 190, 240

Achromatopsia
204, 204, 204

Achromatomaly
209, 199, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 190, 240 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, 190, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 240)  
}
```

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, 190, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 240) }
```

Border

The CSS property to change the border of an element to RGB 217, 190, 240 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, 190, 240) }
```

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

```
.border{ border-color:rgb(217, 190, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 190, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 217, 190, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 240) }
```

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

```
.background{ background-color: rgb(217,  
190, 240) }
```

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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