

Converting Colors

RGB(200, 178, 234)

Have a look what the booklet for
RGB(200, 178, 234) contains.

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Color

RGB(200, 178, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C8B2EA
RGB	200, 178, 234
RGB Percent	78%, 70%, 92%
CMY	0.2157, 0.3020, 0.0824
CMYK	0.15, 0.24, 0.00, 0.08
HSL	264°, 57%, 81%
HSV	264°, 24%, 92%
XYZ	54.5911, 50.0607, 84.6273
YIQ	190.9620, -4.8640, 22.0800

Conversions

Conversions Part 2

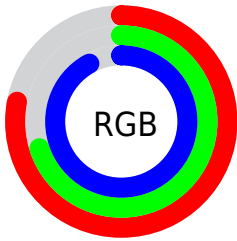
Format	Color
R _Y B	200, 178, 234
Decimal	13153002
CIE Lab	76.11, 18.61, -25.08
CIE LCh	76, 31.232, 306.576
Yxy	50.0607, 0.2884, 0.2645
Android (android.graphics.Color)	4291343082 (0xFFC8B2EA)
YUV	190.9620, 21.2177, 7.9263
Hunter-Lab	70.7536, 13.9059, -21.3884

Details

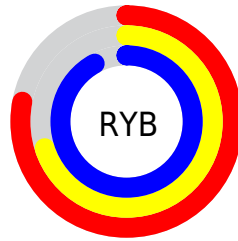
The RGB color `200, 178, 234` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `212, 234, 178`, and the grayscale version is `191, 191, 191`.

A 20% lighter version of the original color is `255, 234, 255`, and `145, 125, 178` is the 20% darker color. If you saturate the color by 10%, you get `186, 155, 234`, and if you desaturate by 10%, it is `214, 201, 234`.

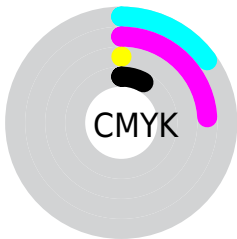
Distribution



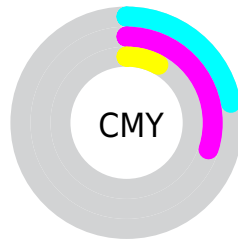
- Red (78%)
- Green (70%)
- Blue (92%)



- Red (78%)
- Yellow (70%)
- Blue (92%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 178, 234 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 200, 178, 234 by changing the saturation by 10% instead.

 200, 178, 234

255, 255, 255

 255, 234, 255

 200, 178, 234

 172, 151, 206


 145, 125, 178

 119, 100, 151

 94, 76, 125

 70, 53, 100

 46, 32, 76

 24, 11, 53

 0, 0, 31

 0, 0, 3

■ 200, 178, 234

■ 200, 178, 234

■ 186, 155, 234

■ 214, 201, 234

■ 172, 131, 234

■ 228, 225, 234

■ 157, 108, 234

■ 243, 248, 234

■ 143, 84, 234

■ 255, 255, 234

■ 129, 61, 234

■ 115, 38, 234

■ 101, 14, 234

■ 92, 0, 234

Harmonies

Analogous

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



160, 188, 245



200, 178, 234



230, 169, 211

Triad

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



200, 178, 234



228, 178, 135



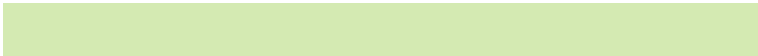
107, 204, 193

Complementary

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



200, 178, 234



212, 234, 178

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.



137, 202, 164



200, 178, 234



202, 188, 130

Square

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



200, 178, 234



243, 170, 155



170, 196, 141



97, 202, 221

Rectangle

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



200, 178, 234



241, 167, 192



170, 196, 141



116, 203, 183

Sweetspot

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



200, 178, 234



244, 237, 255



178, 213, 234



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 178, 234



210, 181, 255



227, 178, 234



110, 106, 117



71, 0, 181



21, 0, 54

Inverse Universe

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



234, 178, 212



255, 181, 226



185, 234, 178



117, 106, 113



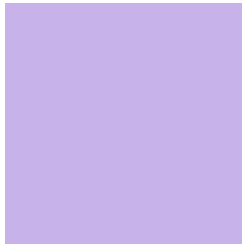
181, 0, 110



54, 0, 33

Previews

White Background



This preview shows how the RGB color 200, 178, 234 looks on a white background.

Color Contrast Check

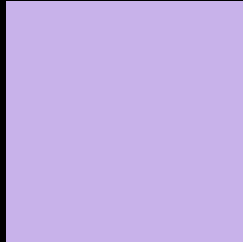
Large Text (above 18pt) WCAG AA × Fail

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 200, 178, 234 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 200, 178, 234 Background



This preview shows how black text looks on a background with the RGB color 200, 178, 234.



This preview shows how white text looks on a background with the RGB color 200, 178, 234.

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
200, 178, 234

Protanopia
174, 186, 239

Deuteranopia
183, 184, 233



Tritanopia
194, 184, 199

Trichromacy



Original Color

200, 178, 234

Protanomaly

183, 183, 237

Deuteranomaly

189, 182, 233

Tritanomaly

196, 182, 212

Monochromacy



Original Color

200, 178, 234

Achromatopsia

191, 191, 191

Achromatomaly

194, 186, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 178, 234 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(200, 178, 234) looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 234)  
}
```

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(200, 178, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 234) }
```

Border

The CSS property to change the border of an element to RGB 200, 178, 234 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(200, 178, 234) }
```

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

```
.border{ border-color:rgb(200, 178, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 234);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 200, 178, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 234) }
```

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

```
.background{ background-color: rgb(200,  
178, 234) }
```

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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