

Converting Colors

RGB(202, 187, 218)

Have a look what the booklet for
RGB(202, 187, 218) contains.

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Color

RGB(202, 187, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CABBDA
RGB	202, 187, 218
RGB Percent	79%, 73%, 85%
CMY	0.2078, 0.2667, 0.1451
CMYK	0.07, 0.14, 0.00, 0.15
HSL	269°, 30%, 79%
HSV	269°, 14%, 85%
XYZ	54.7823, 53.1592, 73.7031
YIQ	195.0190, -1.0110, 12.8210

Conversions

Conversions Part 2

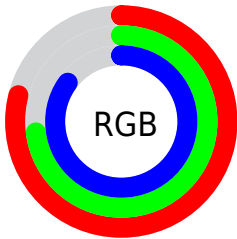
Format	Color
RYB	202, 187, 218
Decimal	13286362
CIELab	77.97, 11.07, -13.59
CIELCh	78, 17.527, 309.159
Yxy	53.1592, 0.3016, 0.2927
Android (android.graphics.Color)	4291476442 (0xFFCABBDA)
YUV	195.0190, 11.3296, 6.1223
Hunter-Lab	72.9103, 6.5257, -8.8974

Details

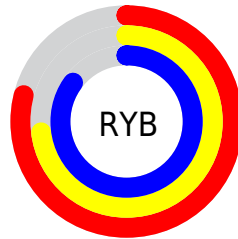
The RGB color **202, 187, 218** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **203, 218, 187**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 243, 255**, and **148, 134, 163** is the 20% darker color. If you saturate the color by 10%, you get **191, 165, 218**, and if you desaturate by 10%, it is **213, 209, 218**.

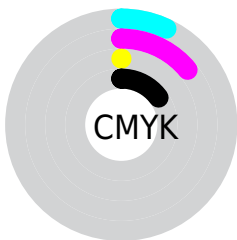
Distribution



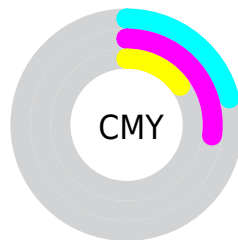
- Red (79%)
- Green (73%)
- Blue (85%)



- Red (79%)
- Yellow (73%)
- Blue (85%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 187, 218 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 202, 187, 218 by changing the saturation by 10% instead.

■ 202, 187, 218

255, 255, 255

■ 255, 243, 255

■ 202, 187, 218

■ 175, 160, 190

■ 148, 134, 163

■ 122, 109, 137

■ 97, 84, 111

■ 73, 61, 87

■ 50, 39, 64

■ 29, 19, 41

■ 0, 0, 21

■ 0, 0, 0

■ 202, 187, 218

■ 202, 187, 218

■ 191, 165, 218

■ 213, 209, 218

■ 179, 143, 218

■ 225, 231, 218

■ 168, 122, 218

■ 236, 252, 218

■ 157, 100, 218

■ 247, 255, 218

■ 146, 78, 218

■ 255, 255, 218

■ 134, 56, 218

■ 123, 34, 218

■ 112, 13, 218

■ 105, 0, 218

Harmonies

Analogous

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



181, 192, 225



202, 187, 218



218, 183, 205

Triad

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



202, 187, 218



216, 188, 163



152, 202, 197

Complementary

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



202, 187, 218



203, 218, 187

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.



164, 201, 181



202, 187, 218



201, 193, 161

Square

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



202, 187, 218



226, 183, 173



182, 198, 167



151, 201, 213

Rectangle

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



202, 187, 218



225, 182, 194



182, 198, 167



155, 202, 192

Sweetspot

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



202, 187, 218



250, 245, 255



187, 203, 218



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 187, 218



233, 212, 255



217, 187, 218



104, 99, 110



84, 0, 173



22, 0, 46

Inverse Universe

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



218, 187, 203



255, 212, 234



188, 218, 187



110, 99, 104



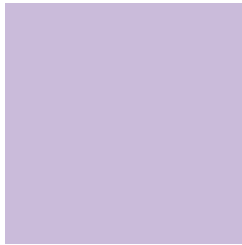
173, 0, 89



46, 0, 24

Previews

White Background



This preview shows how the RGB color 202, 187, 218 looks on a white background.

Color Contrast Check

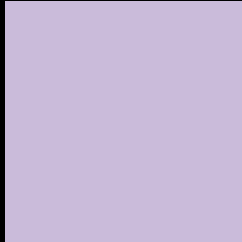
Large Text (above 18pt) WCAG AA × Fail

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 202, 187, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

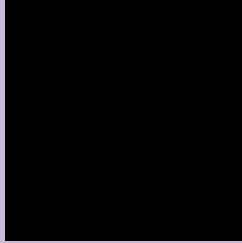
Any Text WCAG AA ✓ Pass

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 202, 187, 218 Background



This preview shows how black text looks on a background with the RGB color 202, 187, 218.



This preview shows how white text looks on a background with the RGB color 202, 187, 218.

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
202, 187, 218

Protanopia
188, 191, 221

Deuteranopia
200, 188, 218



Tritanopia
200, 189, 204

Trichromacy



Original Color

202, 187, 218

Protanomaly

193, 190, 220

Deuteranomaly

201, 188, 218

Tritanomaly

201, 188, 209

Monochromacy



Original Color

202, 187, 218

Achromatopsia

195, 195, 195

Achromatomaly

198, 192, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 187, 218 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(202, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 218)  
}
```

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(202, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 218) }
```

Border

The CSS property to change the border of an element to RGB 202, 187, 218 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(202, 187, 218) }
```

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

```
.border{ border-color:rgb(202, 187, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 202, 187, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 218) }
```

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

```
.background{ background-color: rgb(202,  
187, 218) }
```

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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