

Converting Colors

`RYB(186, 175, 198)`

Have a look what the booklet for RYB(186, 175, 198) contains.

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Color

R_YB(186, 175, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BAAFC6
RGB	186, 175, 198
RGB Percent	73%, 69%, 78%
CMY	0.2706, 0.3137, 0.2235
CMYK	0.06, 0.12, 0.00, 0.22
HSL	269°, 17%, 73%
HSV	269°, 12%, 78%
XYZ	45.7727, 45.1763, 59.7335
YIQ	180.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

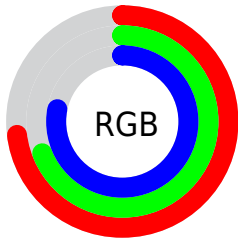
Format	Color
RYB	186, 175, 198
Decimal	12234694
CIELab	73.01, 8.26, -10.26
CIELCh	73, 13.175, 308.831
Yxy	45.1763, 0.3038, 0.2998
Android (android.graphics.Color)	4290424774 (0xFFBAAFC6)
YUV	180.9110, 8.4249, 4.4631
Hunter-Lab	67.2133, 3.9365, -5.6426

Details

The RYB color **186, 175, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 198, 186**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **242, 231, 255**, and **133, 123, 144** is the 20% darker color. If you saturate the color by 10%, you get **176, 155, 198**, and if you desaturate by 10%, it is **196, 195, 198**.

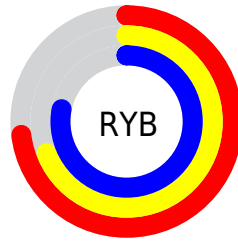
Distribution



Red (73%)

Green (69%)

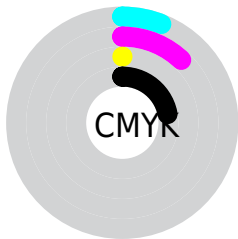
Blue (78%)



Red (73%)

Yellow (69%)

Blue (78%)

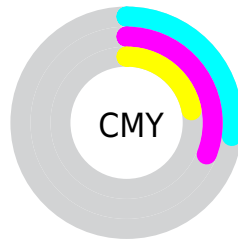


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 175, 198 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 186, 175, 198 by changing the saturation by 10% instead.

■ 186, 175, 198

255, 255, 255

■ 242, 231, 255

■ 186, 175, 198

■ 159, 148, 171

■ 133, 123, 144

■ 108, 98, 119

■ 83, 74, 94

■ 60, 51, 70

■ 38, 30, 48

■ 18, 6, 27

■ 0, 0, 0

■ 186, 175, 198

■ 186, 175, 198

■ 176, 155, 198

■ 196, 195, 198

■ 165, 135, 198

■ 198, 215, 206

■ 155, 116, 198

■ 198, 234, 215

■ 145, 96, 198

■ 198, 254, 225

■ 134, 76, 198

■ 198, 255, 215

■ 124, 56, 198

■ 198, 255, 205

■ 114, 36, 198

■ 198, 255, 198

■ 103, 17, 198

■ 95, 0, 198

Harmonies

Analogous

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



171, 177, 203



186, 175, 198



198, 172, 188

Triad

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



186, 175, 198



197, 193, 157



150, 169, 186

Complementary

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



186, 175, 198



175, 198, 186

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.



159, 178, 186



186, 175, 198



163, 185, 155

Square

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



186, 175, 198



204, 174, 165



160, 183, 172



149, 169, 194

Rectangle

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



186, 175, 198



203, 171, 180



160, 183, 172



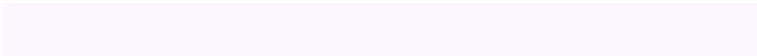
152, 171, 186

Sweetspot

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



186, 175, 198



251, 247, 255



175, 183, 198



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 175, 198



236, 219, 255



197, 175, 198



94, 90, 99



78, 0, 163



17, 0, 36

Inverse Universe

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



198, 175, 187



255, 219, 238



175, 198, 197



99, 90, 95



163, 0, 85



36, 0, 19

Previews

White Background



This preview shows how the RYB color 186, 175, 198 looks on a white background.

Color Contrast Check

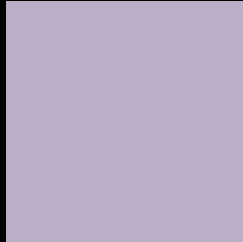
Large Text (above 18pt) WCAG AA × Fail

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 186, 175, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

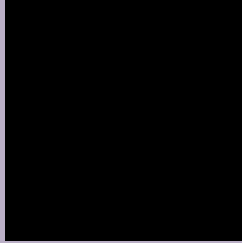
Any Text WCAG AA ✓ Pass

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](#).

RYP 186, 175, 198 Background



This preview shows how black text looks on a background with the RYP color 186, 175, 198.



This preview shows how white text looks on a background with the RYP color 186, 175, 198.

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
186, 175, 198

Protanopia
176, 178, 200

Deuteranopia
188, 174, 198



Tritanopia
185, 176, 190

Trichromacy



Original Color

186, 175, 198

Protanomaly

180, 177, 199

Deuteranomaly

187, 174, 198

Tritanomaly

185, 176, 193

Monochromacy



Original Color

186, 175, 198

Achromatopsia

181, 181, 181

Achromatomaly

183, 179, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 175, 198 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(186, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 198)  
}
```

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(186, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 198) }
```

Border

The CSS property to change the border of an element to RYB 186, 175, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

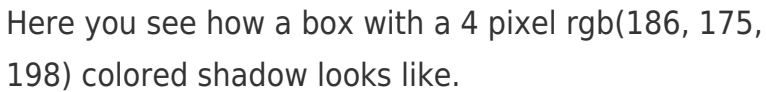
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 175, 198) }
```

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

```
.border{ border-color:rgb(186, 175, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 175, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 175, 198); box-shadow:4px 4px 4px 4px rgb(186, 175, 198) }
```

Background

The CSS property to change the background color of an element to RYB 186, 175, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 198) }
```

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

```
.background{ background-color: rgb(186,  
175, 198) }
```

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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