

Converting Colors

`RYB(200, 175, 177)`

Have a look what the booklet for
RYB(200, 175, 177) contains.

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Color

R_YB(200, 175, 177)

Conversions

Conversions Part 1

Format	Color
Hex	C8AFB1
RGB	200, 175, 177
RGB Percent	78%, 69%, 69%
CMY	0.2157, 0.3137, 0.3059
CMYK	0.00, 0.12, 0.12, 0.22
HSL	355°, 19%, 74%
HSV	355°, 12%, 78%
XYZ	47.0852, 46.1136, 48.0141
YIQ	182.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

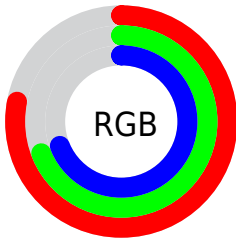
Format	Color
RYB	200, 175, 177
Decimal	13152177
CIELab	73.62, 9.34, 2.29
CIELCh	74, 9.613, 13.758
Yxy	46.1136, 0.3334, 0.3266
Android (android.graphics.Color)	4291342257 (0xFFC8AFB1)
YUV	182.7030, -2.8116, 15.1695
Hunter-Lab	67.9070, 4.9306, 5.6135

Details

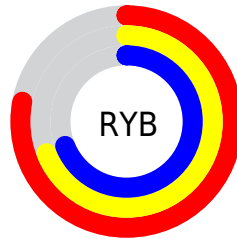
The RYB color `200, 175, 177` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `175, 188, 200`, and the grayscale version is `183, 183, 183`.

A 20% lighter version of the original color is `255, 231, 233`, and `146, 123, 124` is the 20% darker color. If you saturate the color by 10%, you get `200, 155, 159`, and if you desaturate by 10%, it is `200, 195, 195`.

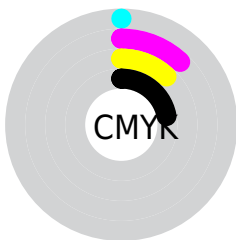
Distribution



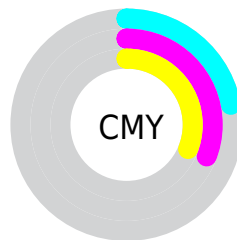
- Red (78%)
- Green (69%)
- Blue (69%)



- Red (78%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (22%)




- Cyan (22%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 200, 175, 177 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 200, 175, 177 by changing the saturation by 10% instead.

 200, 175, 177

255, 255, 255

 255, 231, 233


 200, 175, 177


 173, 148, 150

 146, 123, 124

 120, 98, 100

 95, 74, 76


 71, 51, 53


 48, 30, 32


 29, 6, 8


 0, 0, 0

 200, 175, 177


 200, 175, 177

 200, 155, 159


 200, 195, 195

 200, 135, 140

 200, 208, 215

 200, 115, 122

 200, 218, 235

 200, 95, 103

 200, 229, 255

 200, 75, 85

 200, 228, 255

 200, 55, 67

 200, 35, 48

 200, 15, 30

 200, 0, 16

Harmonies

Analogous

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



196, 175, 186



200, 175, 177



199, 178, 169

Triad

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



200, 175, 177



168, 184, 178



167, 177, 197

Complementary

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



200, 175, 177



175, 188, 200

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.



160, 174, 193



200, 175, 177



165, 179, 186

Square

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



200, 175, 177



166, 184, 164



160, 173, 186



177, 180, 198

Rectangle

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



200, 175, 177



195, 188, 165



160, 173, 186



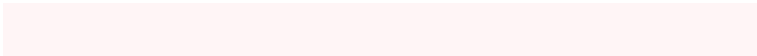
164, 176, 196

Sweetspot

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



200, 175, 177



255, 245, 246



198, 175, 200



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



200, 175, 177



255, 217, 220



200, 192, 175



99, 90, 90



163, 0, 13



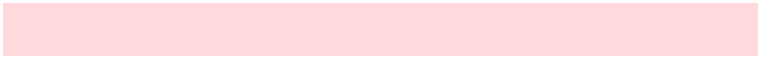
36, 0, 3

Inverse Universe

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



200, 175, 177



255, 217, 220



175, 184, 200



99, 90, 90



163, 0, 13



36, 0, 3

Previews

White Background



This preview shows how the RYB color 200, 175, 177 looks on a white background.

Color Contrast Check

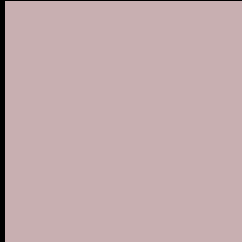
Large Text (above 18pt) WCAG AA × Fail

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 200, 175, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

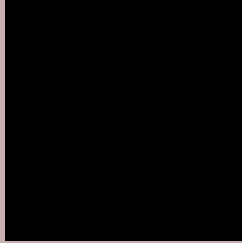
Any Text WCAG AA ✓ Pass

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](#).

R Y B 200, 175, 177 Background



This preview shows how black text looks on a background with the RYB color 200, 175, 177.



This preview shows how white text looks on a background with the RYB color 200, 175, 177.

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, 175, 177

Protanopia

184, 180, 180

Deuteranopia

200, 175, 177



Tritanopia
201, 173, 187

Trichromacy



Original Color

200, 175, 177

Protanomaly

190, 178, 179

Deuteranomaly

200, 175, 177

Tritanomaly

201, 174, 183

Monochromacy



Original Color

200, 175, 177

Achromatopsia

183, 183, 183

Achromatomaly

189, 180, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 175, 177 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 177)  
}
```

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, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 177) }
```

Border

The CSS property to change the border of an element to RYB 200, 175, 177 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, 175, 177) }
```

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

```
.border{ border-color:rgb(200, 175, 177) }
```

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

Here you see how a box with a 4 pixel rgb(200, 175, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 200, 175, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 177) }
```

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

```
.background{ background-color: rgb(200,  
175, 177) }
```

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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