

Converting Colors

`RYB(222, 177, 180)`

Have a look what the booklet for
RYB(222, 177, 180) contains.

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Color

R_YB(222, 177, 180)

Conversions

Conversions Part 1

Format	Color
Hex	DEB1B4
RGB	222, 177, 180
RGB Percent	87%, 69%, 71%
CMY	0.1294, 0.3059, 0.2941
CMYK	0.00, 0.20, 0.19, 0.13
HSL	356°, 41%, 78%
HSV	356°, 20%, 87%
XYZ	54.0846, 50.2692, 50.0324
YIQ	190.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

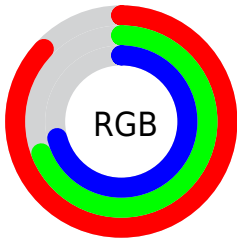
Format	Color
R _Y B	222, 177, 180
Decimal	14594484
CIE Lab	76.23, 16.77, 4.69
CIE LCh	76, 17.414, 15.627
Yxy	50.2692, 0.3503, 0.3256
Android (android.graphics.Color)	4292784564 (0xFFDEB1B4)
YUV	190.7970, -5.3229, 27.3650
Hunter-Lab	70.9008, 12.0872, 7.7915

Details

The RYB color **222, 177, 180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177, 200, 222**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 233, 236**, and **166, 124, 127** is the 20% darker color. If you saturate the color by 10%, you get **222, 155, 159**, and if you desaturate by 10%, it is **222, 199, 201**.

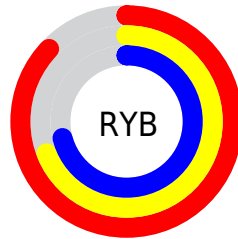
Distribution



Red (87%)

Green (69%)

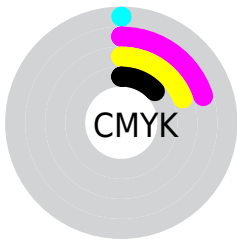
Blue (71%)



Red (87%)

Yellow (69%)

Blue (71%)

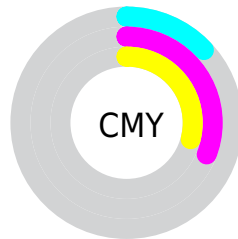


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 177, 180 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 222, 177, 180 by changing the saturation by 10% instead.

 222, 177, 180

255, 255, 255

 255, 233, 236


 222, 177, 180

 194, 150, 153


 166, 124, 127


 139, 99, 102

 113, 75, 78

 88, 52, 56

 64, 30, 34


 41, 9, 12


 1, 0, 0


 0, 0, 0

 222, 177, 180


 222, 177, 180

 222, 155, 159

 222, 199, 201

 222, 133, 139

 222, 221, 221

 222, 110, 118

 222, 234, 244

 222, 88, 97

 222, 239, 255

 222, 66, 76

 222, 44, 56

 222, 22, 35

 222, 0, 15

Harmonies

Analogous

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



216, 178, 196



222, 177, 180



219, 185, 166

Triad

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



222, 177, 180



165, 194, 186



161, 181, 219

Complementary

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



222, 177, 180



177, 200, 222

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.



148, 175, 210



222, 177, 180



157, 183, 197

Square

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



222, 177, 180



159, 192, 157



147, 172, 197



181, 186, 219

Rectangle

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



222, 177, 180



213, 202, 159



147, 172, 197



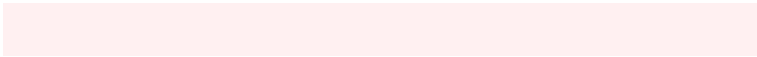
156, 179, 217

Sweetspot

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



222, 177, 180



255, 240, 241



219, 177, 222



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



222, 177, 180



255, 194, 198



222, 210, 177



112, 101, 102



176, 0, 12



48, 0, 3

Inverse Universe

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



222, 177, 180



255, 194, 198



177, 193, 222



112, 101, 102



176, 0, 12



48, 0, 3

Previews

White Background



This preview shows how the RYB color 222, 177, 180 looks on a white background.

Color Contrast Check

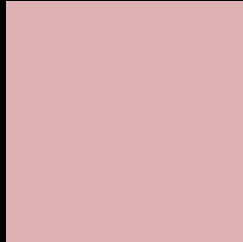
Large Text (above 18pt) WCAG AA × Fail

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 222, 177, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

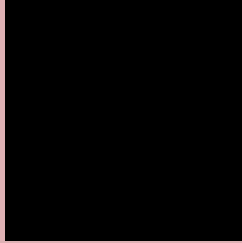
Any Text WCAG AA ✓ Pass

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](#).

RYB 222, 177, 180 Background



This preview shows how black text looks on a background with the RYB color 222, 177, 180.



This preview shows how white text looks on a background with the RYB color 222, 177, 180.

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
222, 177, 180

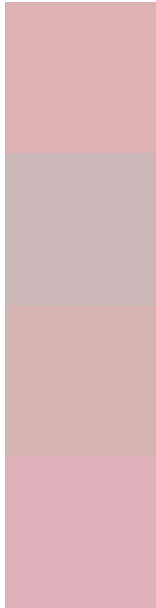
Protanopia
192, 187, 186

Deuteranopia
210, 182, 179



Tritanopia
223, 176, 189

Trichromacy



Original Color

222, 177, 180

Protanomaly

203, 183, 184

Deuteranomaly

214, 180, 179

Tritanomaly

223, 176, 186

Monochromacy



Original Color

222, 177, 180

Achromatopsia

191, 191, 191

Achromatomaly

202, 186, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 177, 180 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(222, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 180)  
}
```

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(222, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 180) }
```

Border

The CSS property to change the border of an element to RYB 222, 177, 180 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(222, 177, 180) }
```

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

```
.border{ border-color:rgb(222, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 222, 177, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 180) }
```

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

```
.background{ background-color: rgb(222,  
177, 180) }
```

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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