

Converting Colors

`RYB(222, 173, 165)`

Have a look what the booklet for
RYB(222, 173, 165) contains.

RYB(222, 173, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(222, 173, 165)

Conversions

Conversions Part 1

Format	Color
Hex	DEACA5
RGB	222, 172, 165
RGB Percent	87%, 67%, 65%
CMY	0.1294, 0.3254, 0.3529
CMYK	0.00, 0.23, 0.26, 0.13
HSL	7°, 46%, 76%
HSV	7°, 26%, 87%
XYZ	51.6712, 47.7571, 42.0920
YIQ	186.1520, 32.0470, 8.4230

Conversions

Conversions Part 2

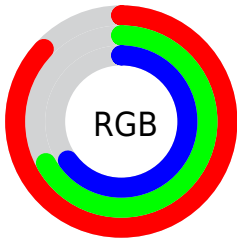
Format	Color
R _Y B	222, 173, 165
Decimal	14593189
CIE Lab	74.67, 17.25, 10.64
CIE LCh	75, 20.265, 31.657
Yxy	47.7571, 0.3651, 0.3375
Android (android.graphics.Color)	4292783269 (0xFFDEACA5)
YUV	186.1520, -10.4279, 31.4387
Hunter-Lab	69.1065, 12.5287, 12.2617

Details

The RYB color **222, 173, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165, 192, 222**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 230, 220**, and **166, 121, 113** is the 20% darker color. If you saturate the color by 10%, you get **222, 154, 143**, and if you desaturate by 10%, it is **222, 192, 187**.

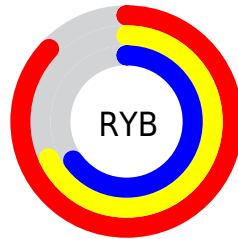
Distribution



Red (87%)

Green (67%)

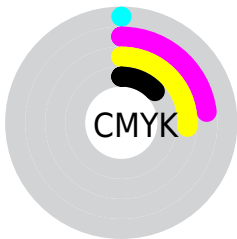
Blue (65%)



Red (87%)

Yellow (68%)

Blue (65%)

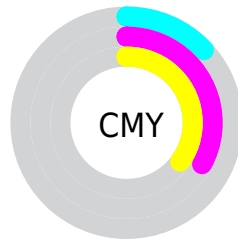


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 173, 165 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, 173, 165 by changing the saturation by 10% instead.

 222, 173, 165

 222, 173, 165

255, 255, 255

 194, 146, 139

 255, 230, 220

 166, 121, 113

 248, 255, 248

 139, 96, 89

 113, 72, 65


 87, 49, 43


 62, 26, 23

 40, 3, 0


 0, 0, 0

 222, 173, 165

 222, 173, 165

 222, 154, 143

 222, 192, 187

 222, 135, 121

 222, 211, 209

 222, 116, 98

 222, 226, 232

 222, 97, 76

 222, 237, 254

 222, 78, 54

 222, 239, 255

 222, 58, 32

 222, 40, 10

 222, 31, 0

Harmonies

Analogous

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



221, 171, 183



222, 173, 165



213, 194, 152

Triad

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



222, 173, 165



156, 185, 193



164, 179, 221

Complementary

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



222, 173, 165



165, 192, 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.



142, 171, 216



222, 173, 165



139, 170, 195

Square

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



222, 173, 165



152, 189, 164



133, 166, 203



188, 179, 215

Rectangle

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



222, 173, 165



183, 203, 147



133, 166, 203



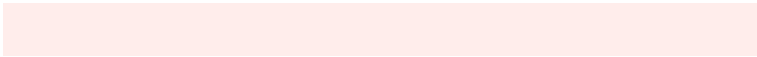
156, 177, 220

Sweetspot

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



222, 173, 165



255, 237, 235



222, 165, 215



128, 116, 115



0, 0, 0



128, 128, 128

Same Dimension

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



222, 173, 165



255, 187, 176



201, 222, 165



112, 102, 101



176, 25, 0



48, 7, 0

Inverse Universe

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



165, 192, 222



176, 213, 255



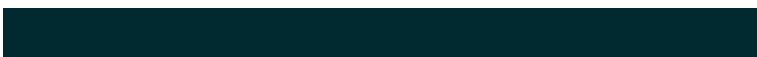
165, 181, 222



101, 106, 112



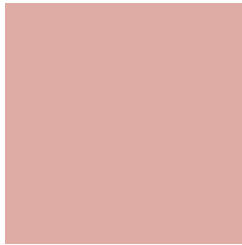
0, 82, 176



0, 22, 48

Previews

White Background



This preview shows how the RYB color 222, 173, 165 looks on a white background.

Color Contrast Check

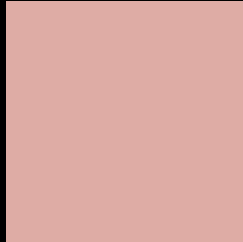
Large Text (above 18pt) WCAG AA × Fail

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, 173, 165 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 222, 173, 165 Background



This preview shows how black text looks on a background with the RGB color 222, 173, 165.



This preview shows how white text looks on a background with the RGB color 222, 173, 165.

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, 173, 165

Protanopia
182, 190, 171

Deuteranopia
209, 182, 164



Tritanopia
224, 169, 182

Trichromacy



Original Color

222, 173, 165

Protanomaly

202, 183, 169

Deuteranomaly

214, 178, 164

Tritanomaly

223, 170, 176

Monochromacy



Original Color

222, 173, 165

Achromatopsia

186, 186, 186

Achromatomaly

199, 182, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 173, 165 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(222, 172, 165)  
}
```

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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 172, 165) }
```

Border

The CSS property to change the border of an element to RYB 222, 173, 165 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, 172, 165) }
```

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

```
.border{ border-color:rgb(222, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(222, 172,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 222, 172, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 172, 165) }
```

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

```
.background{ background-color: rgb(222,  
172, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor