

Converting Colors

RGB(224, 202, 224)

Have a look what the booklet for
RGB(224, 202, 224) contains.

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Color

RGB(224, 202, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E0CAE0
RGB	224, 202, 224
RGB Percent	88%, 79%, 88%
CMY	0.1216, 0.2078, 0.1216
CMYK	0.00, 0.10, 0.00, 0.12
HSL	300°, 26%, 84%
HSV	300°, 10%, 88%
XYZ	65.3155, 63.4702, 79.3295
YIQ	211.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

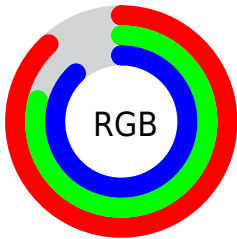
Format	Color
R_{YB}	224, 202, 224
Decimal	14732000
CIE _{Lab}	83.69, 11.53, -8.09
CIE _{LCh}	84, 14.086, 324.961
Yxy	63.4702, 0.3138, 0.3050
Android (android.graphics.Color)	4292922080 (0xFFE0CAE0)
YUV	211.0860, 6.3666, 11.3256
Hunter-Lab	79.6682, 6.9230, -3.2702

Details

The RGB color **224, 202, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 224, 202**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 148, 169** is the 20% darker color. If you saturate the color by 10%, you get **224, 180, 224**, and if you desaturate by 10%, it is **224, 224, 224**.

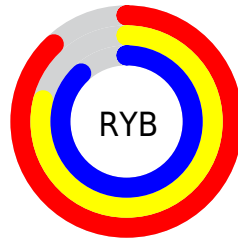
Distribution



Red (88%)

Green (79%)

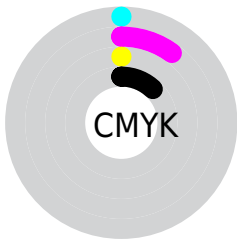
Blue (88%)



Red (88%)

Yellow (79%)

Blue (88%)

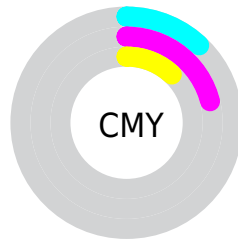


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (21%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 202, 224 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 224, 202, 224 by changing the saturation by 10% instead.

 224, 202, 224

255, 255, 255

 224, 202, 224

 196, 175, 196

 169, 148, 169

 142, 122, 142

 117, 97, 117

 92, 73, 92

 68, 51, 69


 46, 29, 46

 26, 5, 26

 0, 0, 0

 224, 202, 224


 224, 202, 224

 224, 180, 224


 224, 224, 224

 224, 157, 224

 224, 247, 224

 224, 135, 224


 224, 255, 224

 224, 112, 224

 224, 90, 224

 224, 68, 224

 224, 45, 224

 224, 23, 224

 224, 0, 224

Harmonies

Analogous

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



209, 206, 233



224, 202, 224



234, 200, 211

Triad

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



224, 202, 224



222, 207, 182



175, 216, 219

Complementary

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



224, 202, 224



202, 224, 202

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.



180, 216, 206



224, 202, 224



207, 211, 184

Square

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



224, 202, 224



233, 203, 187



192, 215, 193



179, 214, 230

Rectangle

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



224, 202, 224



237, 200, 202



192, 215, 193



176, 217, 215

Sweetspot

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



224, 202, 224



255, 247, 255



202, 202, 224



128, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 202, 224



255, 224, 255



224, 202, 213



112, 101, 112



176, 0, 176



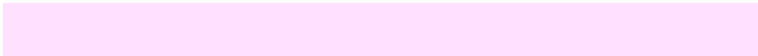
48, 0, 48

Inverse Universe

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



224, 202, 224



255, 224, 255



202, 224, 213



112, 101, 112



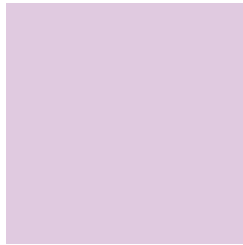
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RGB color 224, 202, 224 looks on a white background.

Color Contrast Check

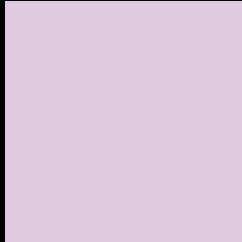
Large Text (above 18pt) WCAG AA × Fail

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 224, 202, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

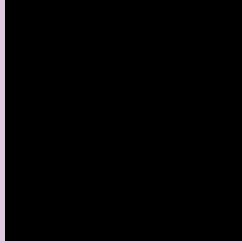
Any Text WCAG AA ✓ Pass

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 224, 202, 224 Background



This preview shows how black text looks on a background with the RGB color 224, 202, 224.



This preview shows how white text looks on a background with the RGB color 224, 202, 224.

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
[224](#), [202](#), [224](#)

Protanopia
[207](#), [207](#), [227](#)

Deuteranopia
[222](#), [203](#), [224](#)



Tritanopia
223, 203, 219

Trichromacy



Original Color
224, 202, 224

Protanomaly
213, 205, 226

Deuteranomaly
223, 203, 224

Tritanomaly
223, 203, 221

Monochromacy



Original Color
224, 202, 224

Achromatopsia
211, 211, 211

Achromatomaly
216, 208, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 202, 224 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(224, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 224)  
}
```

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(224, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 224) }
```

Border

The CSS property to change the border of an element to RGB 224, 202, 224 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(224, 202, 224) }
```

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

```
.border{ border-color:rgb(224, 202, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 202, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 224, 202, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 224) }
```

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

```
.background{ background-color: rgb(224,  
202, 224) }
```

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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