

Converting Colors

`RYB(229, 202, 196)`

Have a look what the booklet for
RYB(229, 202, 196) contains.

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Color

R_YB(229, 202, 196)

Conversions

Conversions Part 1

Format	Color
Hex	E5C9C4
RGB	229, 201, 196
RGB Percent	90%, 79%, 77%
CMY	0.1020, 0.2115, 0.2314
CMYK	0.00, 0.12, 0.14, 0.10
HSL	9°, 39%, 83%
HSV	9°, 14%, 90%
XYZ	63.1815, 62.4527, 60.9491
YIQ	208.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

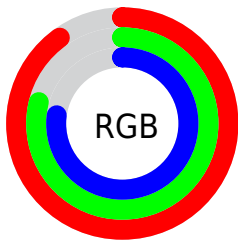
Format	Color
R _Y B	229, 202, 196
Decimal	15059396
CIE Lab	83.15, 8.98, 6.13
CIE LCh	83, 10.873, 34.292
Yxy	62.4527, 0.3386, 0.3347
Android (android.graphics.Color)	4293249476 (0xFFE5C9C4)
YUV	208.8020, -6.3114, 17.7136
Hunter-Lab	79.0270, 4.4121, 9.5919

Details

The RYB color **229, 202, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 211, 229**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 253, 255, 253, and **173, 148, 142** is the 20% darker color. If you saturate the color by 10%, you get **229, 184, 173**, and if you desaturate by 10%, it is **229, 220, 219**.

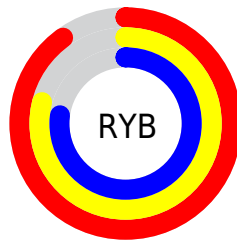
Distribution



Red (90%)

Green (79%)

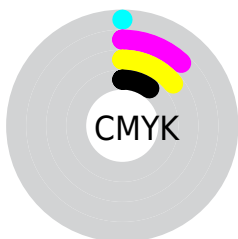
Blue (77%)



Red (90%)

Yellow (79%)

Blue (77%)

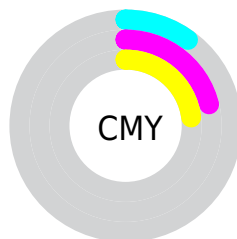


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 202, 196 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 229, 202, 196 by changing the saturation by 10% instead.

■ 229, 202, 196

255, 255, 255

253, 255, 253

■ 229, 202, 196

■ 201, 175, 169

■ 173, 148, 142

■ 146, 122, 117

■ 121, 97, 92

■ 95, 74, 69

■ 71, 51, 46


■ 48, 29, 26

■ 29, 5, 0

■ 0, 0, 0

 229, 202, 196


 229, 202, 196

 229, 184, 173

 229, 220, 219


 229, 164, 150

 229, 235, 242

 229, 146, 127

 229, 242, 255

 229, 128, 104

 229, 108, 82

 229, 90, 59

 229, 70, 36

 229, 52, 13

 229, 41, 0

Harmonies

Analogous

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



228, 200, 206



229, 202, 196



224, 215, 189

Triad

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



229, 202, 196



191, 207, 212



198, 205, 227

Complementary

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



229, 202, 196



196, 211, 229

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.



187, 202, 225



229, 202, 196



184, 200, 213

Square

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



229, 202, 196



190, 210, 198



182, 199, 218



211, 204, 224

Rectangle

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



229, 202, 196



207, 218, 187



182, 199, 218



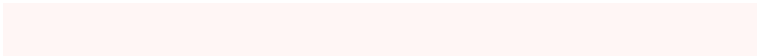
194, 204, 227

Sweetspot

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



229, 202, 196



255, 246, 245



229, 196, 224



128, 122, 121



0, 0, 0



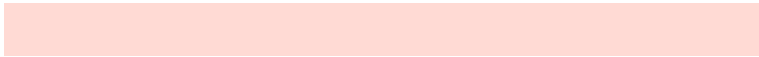
128, 128, 128

Same Dimension

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



229, 202, 196



255, 219, 212



215, 229, 196



115, 105, 103



179, 32, 0



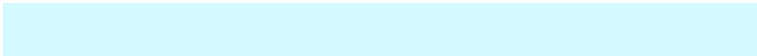
51, 9, 0

Inverse Universe

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



196, 211, 229



212, 232, 255



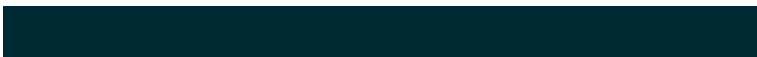
196, 205, 229



103, 108, 115



0, 82, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 229, 202, 196 looks on a white background.

Color Contrast Check

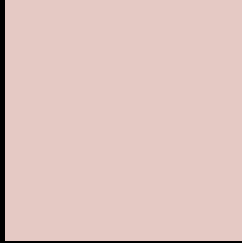
Large Text (above 18pt) WCAG AA × Fail

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 229, 202, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

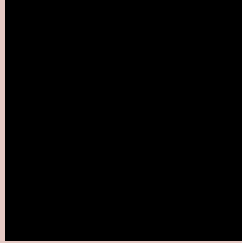
Any Text WCAG AA ✓ Pass

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 229, 202, 196 Background



This preview shows how black text looks on a background with the RYB color 229, 202, 196.



This preview shows how white text looks on a background with the RYB color 229, 202, 196.

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
229, 202, 196

Protanopia
213, 213, 199

Deuteranopia
231, 201, 196



Tritanopia
231, 198, 214

Trichromacy



Original Color

229, 202, 196

Protanomaly

219, 206, 198

Deuteranomaly

230, 201, 196

Tritanomaly

230, 199, 207

Monochromacy



Original Color

229, 202, 196

Achromatopsia

209, 209, 209

Achromatomaly

216, 206, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 202, 196 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(229, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 201, 196)  
}
```

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(229, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 201, 196) }
```

Border

The CSS property to change the border of an element to RYB 229, 202, 196 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(229, 201, 196) }
```

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

```
.border{ border-color:rgb(229, 201, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 201, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(229, 201,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 229, 202, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 201, 196) }
```

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

```
.background{ background-color: rgb(229,  
201, 196) }
```

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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