

Converting Colors

`RYB(232, 209, 195)`

Have a look what the booklet for
RYB(232, 209, 195) contains.

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Color

R_YB(232, 209, 195)

Conversions

Conversions Part 1

Format	Color
Hex	E8CDC3
RGB	232, 205, 195
RGB Percent	91%, 80%, 76%
CMY	0.0902, 0.1955, 0.2353
CMYK	0.00, 0.12, 0.16, 0.09
HSL	16°, 45%, 84%
HSV	16°, 16%, 91%
XYZ	64.9979, 64.8337, 60.7181
YIQ	211.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

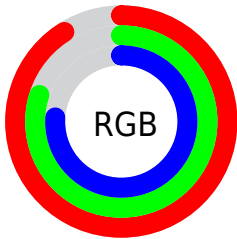
Format	Color
R _Y B	232, 209, 195
Decimal	15257027
CIE Lab	84.40, 7.76, 8.48
CIE LCh	84, 11.496, 47.533
Yxy	64.8337, 0.3411, 0.3402
Android (android.graphics.Color)	4293447107 (0xFFE8CDC3)
YUV	211.9330, -8.3480, 17.5988
Hunter-Lab	80.5194, 3.1823, 11.6541

Details

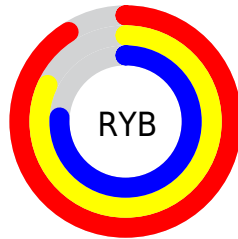
The RYB color **232, 209, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 211, 232**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **252, 255, 252**, and **176, 155, 141** is the 20% darker color. If you saturate the color by 10%, you get **232, 194, 172**, and if you desaturate by 10%, it is **232, 224, 218**.

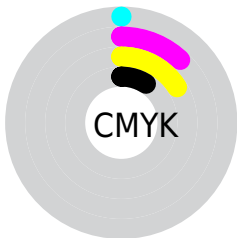
Distribution



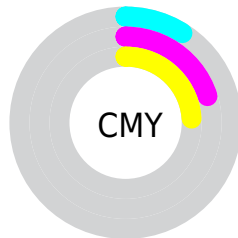
- Red (91%)
- Green (80%)
- Blue (76%)



- Red (91%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 209, 195 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 232, 209, 195 by changing the saturation by 10% instead.

 232, 209, 195

255, 255, 255


252, 255, 252


 232, 209, 195

 204, 182, 168


 176, 155, 141


 149, 128, 116

 123, 104, 91

 98, 79, 68

 74, 55, 46


 50, 35, 25

 31, 13, 0


 0, 0, 0

 232, 209, 195


 232, 209, 195

 232, 194, 172

 232, 224, 218

 232, 179, 149

 232, 236, 241

 232, 167, 125

 232, 244, 255

 232, 152, 102

 232, 137, 79

 232, 122, 56

 232, 107, 33

 232, 95, 9

 232, 88, 0

Harmonies

Analogous

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



234, 203, 204



232, 209, 195



220, 224, 190

Triad

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



232, 209, 195



189, 206, 217



207, 209, 231

Complementary

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



232, 209, 195



195, 211, 232

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.



194, 207, 231



232, 209, 195



184, 201, 217

Square

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



232, 209, 195



196, 215, 211



186, 203, 226



220, 206, 225

Rectangle

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



232, 209, 195



197, 217, 189



186, 203, 226



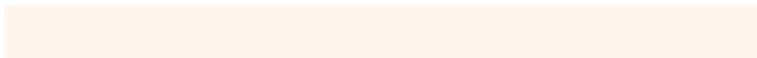
203, 209, 232

Sweetspot

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



232, 209, 195



255, 248, 242



232, 195, 222



128, 123, 120



0, 0, 0



128, 128, 128

Same Dimension

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



232, 209, 195



255, 225, 207



207, 232, 195



115, 107, 103



179, 67, 0



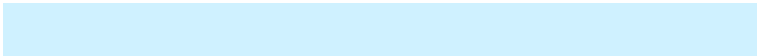
51, 19, 0

Inverse Universe

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



195, 211, 232



207, 227, 255



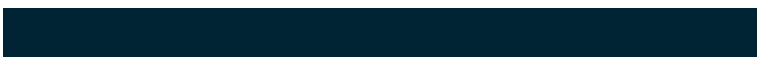
195, 202, 232



103, 108, 115



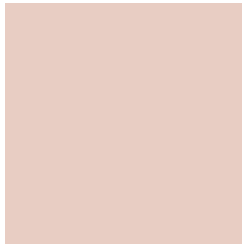
0, 75, 179



0, 21, 51

Previews

White Background



This preview shows how the RYB color 232, 209, 195 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 232, 209, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

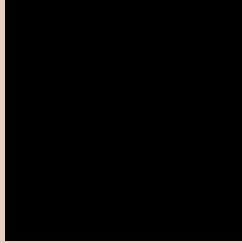
Any Text WCAG AA ✓ Pass

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 232, 209, 195 Background



This preview shows how black text looks on a background with the R/Y/B color 232, 209, 195.

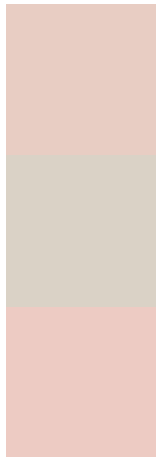


This preview shows how white text looks on a background with the R/Y/B color 232, 209, 195.

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
232, 209, 195

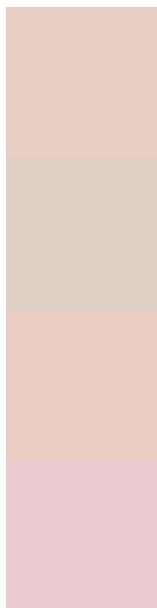
Protanopia
211, 218, 198

Deuteranopia
237, 205, 195



Tritanopia
235, 202, 218

Trichromacy



Original Color

232, 209, 195

Protanomaly

223, 216, 197

Deuteranomaly

235, 207, 195

Tritanomaly

234, 203, 210

Monochromacy



Original Color

232, 209, 195

Achromatopsia

212, 212, 212

Achromatomaly

219, 212, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 209, 195 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(232, 205, 195) looks like.

```
.text, #text, p{  
    color:rgb(232, 205, 195)  
}
```

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(232, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 205, 195) }
```

Border

The CSS property to change the border of an element to RYB 232, 209, 195 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(232, 205, 195) }
```

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

```
.border{ border-color:rgb(232, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 205,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 232, 209, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 205, 195) }
```

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

```
.background{ background-color: rgb(232,  
205, 195) }
```

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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