

Converting Colors

`RYB(234, 226, 217)`

Have a look what the booklet for
RYB(234, 226, 217) contains.

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Color

R_YB(234, 226, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EADFD9
RGB	234, 223, 217
RGB Percent	92%, 87%, 85%
CMY	0.0824, 0.1259, 0.1490
CMYK	0.00, 0.05, 0.07, 0.08
HSL	21°, 29%, 88%
HSV	21°, 7%, 92%
XYZ	72.8129, 75.2159, 76.3261
YIQ	225.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

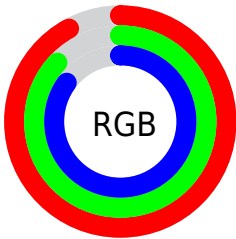
Format	Color
RYB	234, 226, 217
Decimal	15392729
CIELab	89.49, 2.79, 4.22
CIELCh	89, 5.058, 56.570
Yxy	75.2159, 0.3245, 0.3353
Android (android.graphics.Color)	4293582809 (0xFFEADFD9)
YUV	225.6050, -4.2423, 7.3624
Hunter-Lab	86.7271, -1.9103, 8.5295

Details

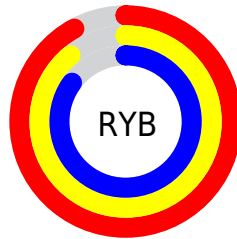
The RYB color **234, 226, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 224, 234**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 172, 162** is the 20% darker color. If you saturate the color by 10%, you get **234, 216, 194**, and if you desaturate by 10%, it is **234, 236, 240**.

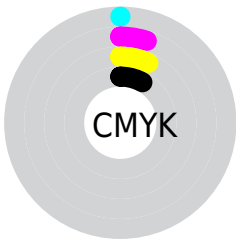
Distribution



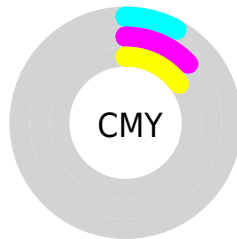
- Red (92%)
- Green (87%)
- Blue (85%)



- Red (92%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 226, 217 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 234, 226, 217 by changing the saturation by 10% instead.

■ 234, 226, 217

255, 255, 255

■ 234, 226, 217

■ 206, 198, 189

■ 178, 172, 162

■ 152, 143, 136

■ 126, 119, 111

■ 101, 94, 86

■ 77, 71, 63

■ 54, 49, 41

■ 32, 27, 21

■ 2, 0, 0

 234, 226, 217


 234, 226, 217

 234, 216, 194


 234, 236, 240


 234, 204, 170

 234, 244, 255

 234, 193, 147


 234, 245, 255

 234, 183, 123

 234, 170, 100

 234, 159, 77

 234, 150, 53

 234, 137, 30

 234, 127, 6

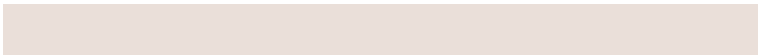
Harmonies

Analogous

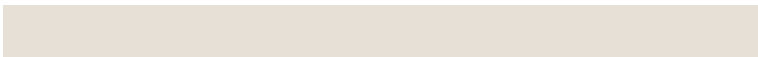
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 222, 221



234, 226, 217



225, 230, 215

Triad

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



234, 226, 217



215, 223, 228



225, 224, 234

Complementary

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



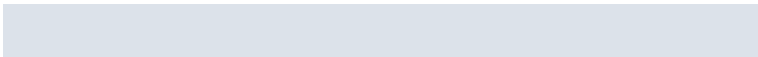
234, 226, 217



217, 224, 234

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.



220, 224, 234



234, 226, 217



213, 221, 229

Square

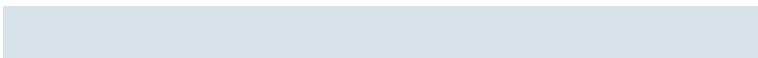
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 226, 217



219, 227, 227



215, 222, 233



231, 223, 230

Rectangle

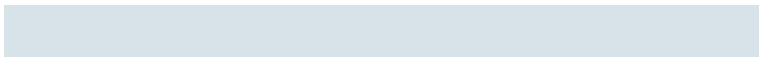
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 226, 217



217, 226, 216



215, 222, 233



223, 224, 234

Sweetspot

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



234, 226, 217



255, 253, 250



234, 217, 228



128, 127, 125



0, 0, 0



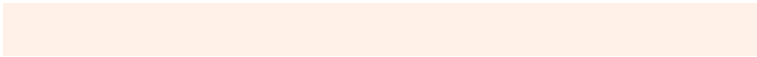
128, 128, 128

Same Dimension

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



234, 226, 217



255, 244, 232



221, 234, 217



117, 112, 106



181, 97, 0



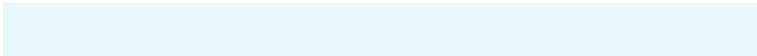
54, 29, 0

Inverse Universe

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



217, 224, 234



232, 241, 255



217, 220, 234



106, 110, 117



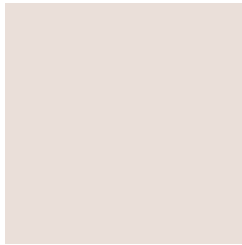
0, 71, 181



0, 21, 54

Previews

White Background



This preview shows how the RYB color 234, 226, 217 looks on a white background.

Color Contrast Check

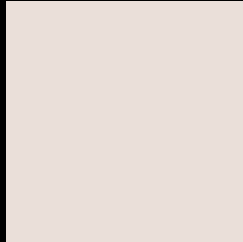
Large Text (above 18pt) WCAG AA × Fail

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 234, 226, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

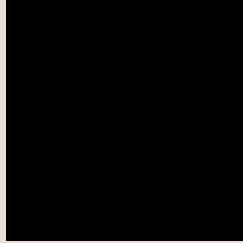
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

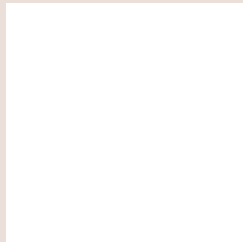
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 234, 226, 217 Background



This preview shows how black text looks on a background with the RYB color 234, 226, 217.

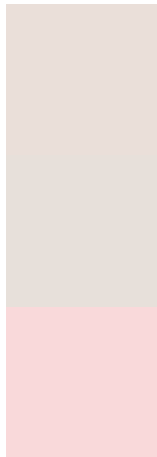


This preview shows how white text looks on a background with the RYB color 234, 226, 217.

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
[234](#), [226](#), [217](#)

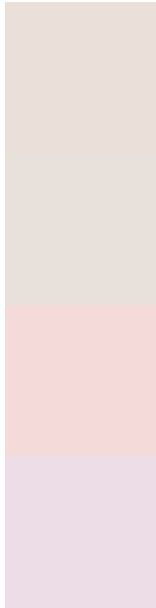
Protanopia
[231](#), [229](#), [218](#)

Deuteranopia
[249](#), [217](#), [218](#)



Tritanopia
237, 220, 237

Trichromacy



Original Color

234, 226, 217

Protanomaly

232, 229, 218

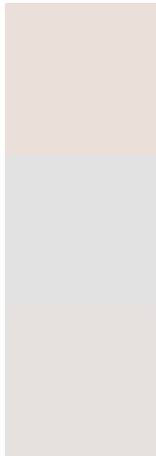
Deuteranomaly

244, 219, 218

Tritanomaly

236, 221, 230

Monochromacy



Original Color

234, 226, 217

Achromatopsia

226, 226, 226

Achromatomaly

229, 226, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 226, 217 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(234, 223, 217) looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 217)  
}
```

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(234, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 217) }
```

Border

The CSS property to change the border of an element to RYB 234, 226, 217 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(234, 223, 217) }
```

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

```
.border{ border-color:rgb(234, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 234, 226, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 217) }
```

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

```
.background{ background-color: rgb(234,  
223, 217) }
```

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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