

Converting Colors

RYB(227, 229, 214)

Have a look what the booklet for
RYB(227, 229, 214) contains.

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Color

RYB(227, 229, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E5DED6
RGB	229, 222, 214
RGB Percent	90%, 87%, 84%
CMY	0.1020, 0.1293, 0.1608
CMYK	0.00, 0.03, 0.07, 0.10
HSL	32°, 22%, 87%
HSV	32°, 7%, 90%
XYZ	70.5815, 73.7746, 74.1382
YIQ	223.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

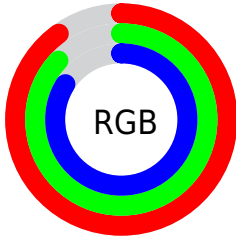
Format	Color
R _Y B	227, 229, 214
Decimal	15064790
CIE Lab	88.82, 0.99, 4.77
CIE LCh	89, 4.868, 78.292
Yxy	73.7746, 0.3230, 0.3376
Android (android.graphics.Color)	4293254870 (0xFFE5DED6)
YUV	223.1810, -4.5262, 5.1033
Hunter-Lab	85.8921, -3.6297, 8.9480

Details

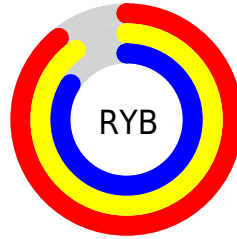
The RYB color **227, 229, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 219, 229**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 174, 159** is the 20% darker color. If you saturate the color by 10%, you get **225, 229, 191**, and if you desaturate by 10%, it is **229, 232, 237**.

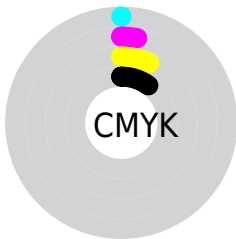
Distribution



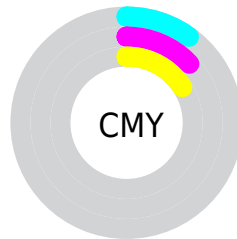
- Red (90%)
- Green (87%)
- Blue (84%)



- Red (89%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 229, 214 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 227, 229, 214 by changing the saturation by 10% instead.

■ 227, 229, 214

255, 255, 255

■ 227, 229, 214

■ 199, 201, 186

■ 172, 174, 159

■ 144, 147, 133

■ 119, 121, 108

■ 93, 96, 84

■ 73, 73, 61

■ 48, 50, 39

■ 27, 29, 18

■ 0, 0, 0

227, 229, 214

227, 229, 214

225, 229, 191

229, 232, 237

220, 229, 168

229, 238, 255

218, 229, 145

229, 242, 255

212, 229, 122

229, 242, 255

212, 229, 100

210, 229, 77

205, 229, 54

203, 229, 31

201, 229, 8

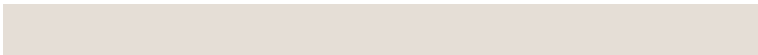
Harmonies

Analogous

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



232, 223, 216



227, 229, 214



214, 224, 214

Triad

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



227, 229, 214



212, 219, 226



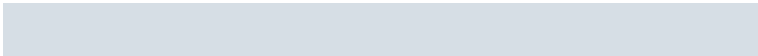
227, 221, 229

Complementary

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



227, 229, 214



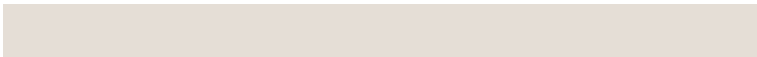
214, 219, 229

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.



222, 222, 232



227, 229, 214



213, 220, 230

Square

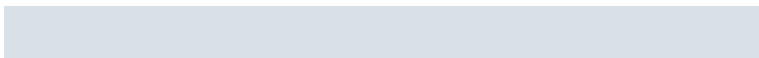
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227, 229, 214



214, 222, 226



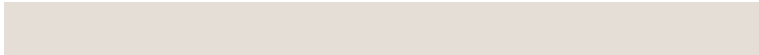
217, 222, 232



232, 220, 225

Rectangle

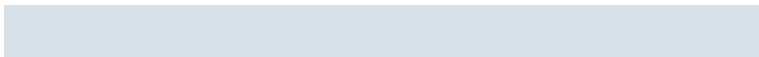
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 229, 214



216, 225, 221



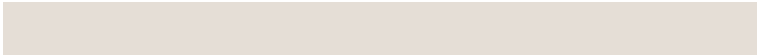
217, 222, 232



226, 221, 230

Sweetspot

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



227, 229, 214



253, 255, 250



229, 214, 221



128, 127, 125



0, 0, 0



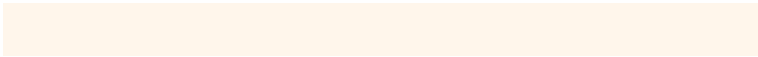
128, 128, 128

Same Dimension

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



227, 229, 214



251, 255, 235



214, 229, 214



115, 115, 103



155, 179, 0



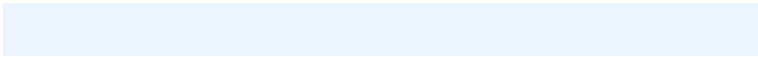
45, 51, 0

Inverse Universe

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



214, 219, 229



235, 241, 255



215, 214, 229



103, 107, 115



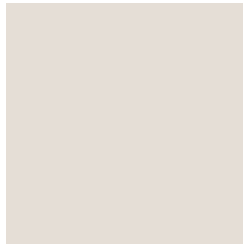
0, 57, 179



0, 16, 51

Previews

White Background



This preview shows how the RYB color 227, 229, 214 looks on a white background.

Color Contrast Check

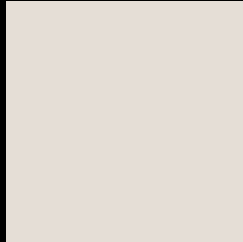
Large Text (above 18pt) WCAG AA × Fail

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 227, 229, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

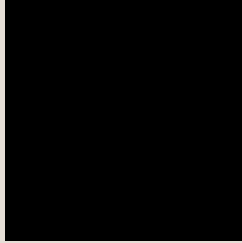
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

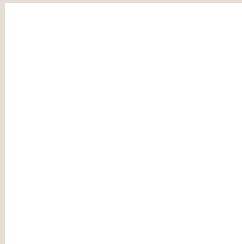
Any Text WCAG AAA ✓ Pass

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

RYB 227, 229, 214 Background



This preview shows how black text looks on a background with the RYB color 227, 229, 214.

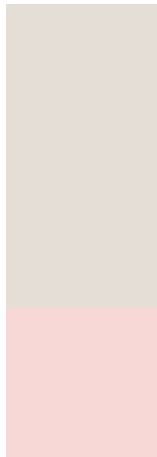


This preview shows how white text looks on a background with the RYB color 227, 229, 214.

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](#).

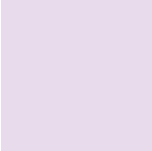
Dichromacy



Original Color
227, 229, 214

Protanopia
227, 229, 214

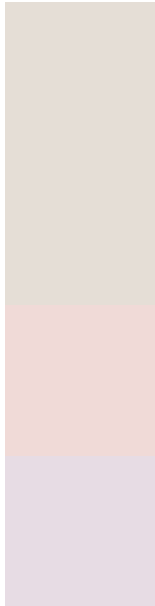
Deuteranopia
247, 216, 215



Tritanopia

232, 219, 236

Trichromacy



Original Color

227, 229, 214

Protanomaly

227, 229, 214

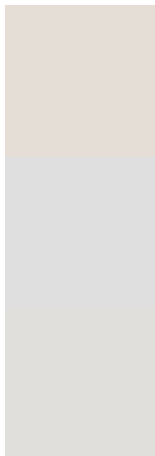
Deuteranomaly

240, 218, 215

Tritanomaly

231, 220, 228

Monochromacy



Original Color

227, 229, 214

Achromatopsia

223, 223, 223

Achromatomaly

223, 225, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 229, 214 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, 222, 214) looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 214)  
}
```

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, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 214) }
```

Border

The CSS property to change the border of an element to RYB 227, 229, 214 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, 222, 214) }
```

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

```
.border{ border-color:rgb(229, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 229, 229, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 214) }
```

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

```
.background{ background-color: rgb(229,  
229, 214) }
```

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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