

Converting Colors

`RYB(214, 229, 215)`

Have a look what the booklet for RYB(214, 229, 215) contains.

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Color

RVB(214, 229, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E4E5D6
RGB	228, 229, 214
RGB Percent	89%, 90%, 84%
CMY	0.1059, 0.1020, 0.1608
CMYK	0.00, 0.00, 0.07, 0.10
HSL	64°, 22%, 87%
HSV	64°, 7%, 90%
XYZ	72.1518, 77.3876, 74.7528
YIQ	226.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

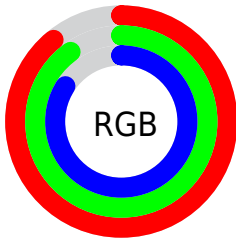
Format	Color
RYB	214, 229, 215
Decimal	15001046
CIELab	90.50, -2.94, 7.18
CIElCh	90, 7.762, 112.234
Yxy	77.3876, 0.3217, 0.3450
Android (android.graphics.Color)	4293191126 (0xFFE4E5D6)
YUV	226.9910, -6.4046, 0.8849
Hunter-Lab	87.9702, -7.5450, 11.1974

Details

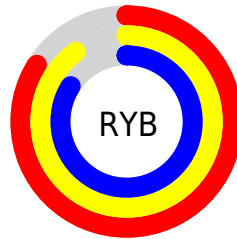
The RYB color **214, 229, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 214, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 174, 160** is the 20% darker color. If you saturate the color by 10%, you get **191, 229, 194**, and if you desaturate by 10%, it is **230, 229, 237**.

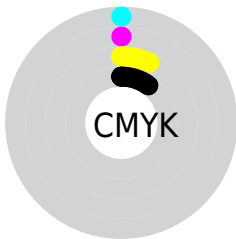
Distribution



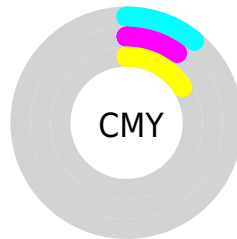
- Red (89%)
- Green (90%)
- Blue (84%)



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



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



- Cyan (11%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 229, 215 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 214, 229, 215 by changing the saturation by 10% instead.

■ 214, 229, 215

255, 255, 255

■ 214, 229, 215

■ 186, 201, 187

■ 159, 174, 160

■ 133, 147, 134

■ 108, 121, 109

■ 84, 97, 85

■ 61, 73, 62

■ 39, 50, 40

■ 18, 29, 19

■ 0, 3, 3

214, 229, 215

214, 229, 215

191, 229, 194

230, 229, 237

168, 229, 172

231, 229, 255

145, 229, 151

233, 229, 255

122, 229, 129

234, 229, 255

100, 229, 109

236, 229, 255

77, 229, 87

237, 229, 255

54, 229, 66

239, 229, 255

31, 229, 44

240, 229, 255

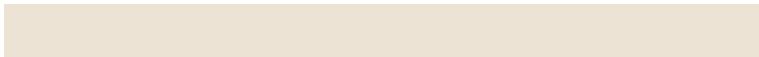
8, 229, 23

242, 229, 255

Harmonies

Analogous

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



228, 236, 213



214, 229, 215



218, 231, 230

Triad

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



214, 229, 215



212, 223, 239



242, 223, 230

Complementary

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



214, 229, 215



215, 214, 229

Split Complementary

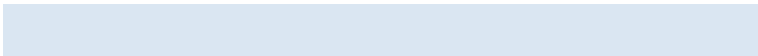
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 224, 237



214, 229, 215



218, 226, 242

Square

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



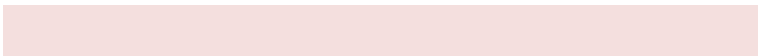
214, 229, 215



210, 221, 233



227, 227, 241



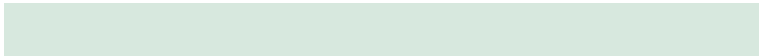
244, 223, 222

Rectangle

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



214, 229, 215



215, 227, 232



227, 227, 241



240, 223, 232

Sweetspot

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



214, 229, 215



250, 255, 250



229, 215, 214



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



214, 229, 215



235, 255, 236



214, 229, 222



103, 115, 104



0, 179, 12



0, 51, 3

Inverse Universe

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



215, 214, 229



236, 235, 255



223, 214, 229



104, 103, 115



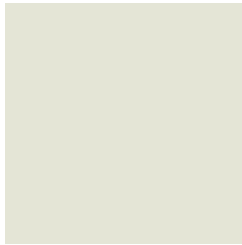
12, 0, 179



3, 0, 51

Previews

White Background



This preview shows how the RYB color 214, 229, 215 looks on a white background.

Color Contrast Check

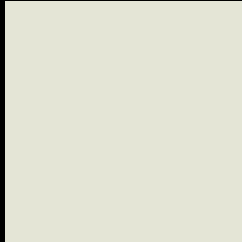
Large Text (above 18pt) WCAG AA × Fail

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 214, 229, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

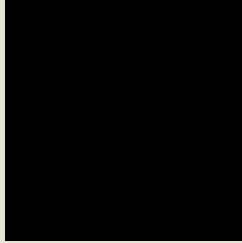
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

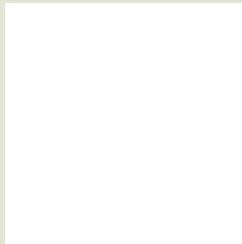
Any Text WCAG AAA ✓ Pass

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

RYB 214, 229, 215 Background



This preview shows how black text looks on a background with the RYB color 214, 229, 215.



This preview shows how white text looks on a background with the RYB color 214, 229, 215.

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
214, 229, 215

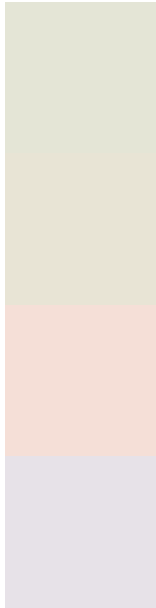
Protanopia
226, 235, 213

Deuteranopia
254, 220, 216



Tritanopia
232, 225, 242

Trichromacy



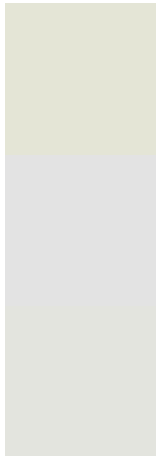
Original Color
214, 229, 215

Protanomaly
218, 232, 213

Deuteranomaly
245, 226, 215

Tritanomaly
231, 226, 232

Monochromacy



Original Color
214, 229, 215

Achromatopsia
227, 227, 227

Achromatomaly
222, 228, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 229, 215 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(228, 229, 214) looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 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(228, 229, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 229, 215 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(228, 229, 214) }
```

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

```
.border{ border-color:rgb(228, 229, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 214, 229, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 214) }
```

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

```
.background{ background-color: rgb(228,  
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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