

Converting Colors

`RYB(214, 232, 218)`

Have a look what the booklet for
RYB(214, 232, 218) contains.

RYB(214, 232, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(214, 232, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E4E8D6
RGB	228, 232, 214
RGB Percent	89%, 91%, 84%
CMY	0.1059, 0.0902, 0.1608
CMYK	0.02, 0.00, 0.08, 0.09
HSL	73°, 28%, 87%
HSV	73°, 8%, 91%
XYZ	72.9891, 79.0622, 75.0319
YIQ	228.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

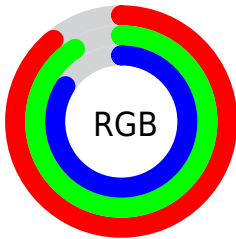
Format	Color
R _Y B	214, 232, 218
Decimal	15001814
CIE Lab	91.26, -4.47, 8.28
CIE LCh	91, 9.409, 118.345
Yxy	79.0622, 0.3214, 0.3482
Android (android.graphics.Color)	4293191894 (0xFFE4E8D6)
YUV	228.7520, -7.2727, -0.6595
Hunter-Lab	88.9170, -9.0797, 12.2104

Details

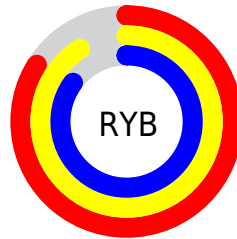
The RYB color **214, 232, 218** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **218, 214, 232**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 176, 162** is the 20% darker color. If you saturate the color by 10%, you get **191, 232, 200**, and if you desaturate by 10%, it is **233, 232, 237**.

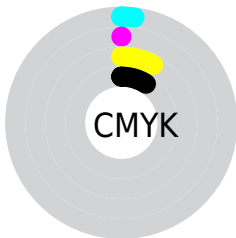
Distribution



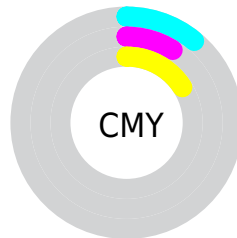
- Red (89%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 232, 218 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, 232, 218 by changing the saturation by 10% instead.

■ 214, 232, 218

255, 255, 255

■ 214, 232, 218

■ 186, 204, 190

■ 159, 176, 162

■ 133, 150, 137

■ 108, 124, 112

■ 84, 99, 88

■ 61, 75, 64


■ 39, 53, 43

■ 18, 31, 21

■ 0, 8, 8

 214, 232, 218

 214, 232, 218

 191, 232, 200

 233, 232, 237

 168, 232, 182

 238, 232, 255

 144, 232, 163

 243, 232, 255

 121, 232, 146

 249, 232, 255

 98, 232, 128

 254, 232, 255

 75, 232, 110

 255, 232, 255

 52, 232, 92

 28, 232, 73

 5, 232, 55

Harmonies

Analogous

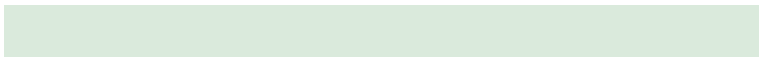
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 238, 212



214, 232, 218



218, 232, 234

Triad

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



214, 232, 218



212, 225, 245



248, 224, 231

Complementary

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



214, 232, 218



218, 214, 232

Split Complementary

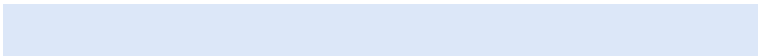
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 225, 240



214, 232, 218



220, 228, 248

Square

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



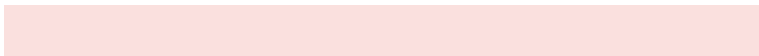
214, 232, 218



208, 222, 238



231, 228, 246



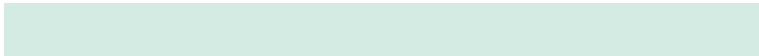
250, 224, 222

Rectangle

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



214, 232, 218



212, 226, 235



231, 228, 246



246, 224, 234

Sweetspot

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



214, 232, 218



250, 255, 251



232, 219, 214



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

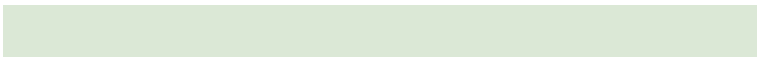
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 232, 218



232, 255, 237



214, 232, 227



103, 115, 106



0, 179, 40



0, 51, 11

Inverse Universe

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



218, 214, 232



237, 232, 255



227, 214, 232



106, 103, 115



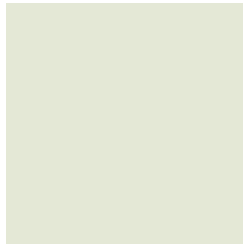
40, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RYB color 214, 232, 218 looks on a white background.

Color Contrast Check

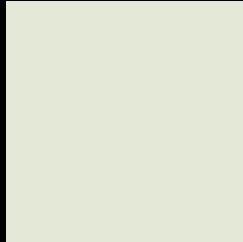
Large Text (above 18pt) WCAG AA × Fail

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, 232, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

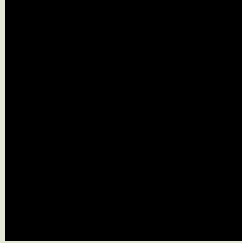
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

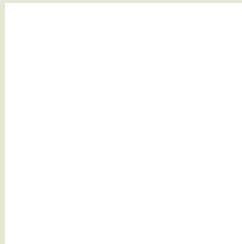
Any Text WCAG AAA ✓ Pass

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

RYB 214, 232, 218 Background



This preview shows how black text looks on a background with the RYB color 214, 232, 218.



This preview shows how white text looks on a background with the RYB color 214, 232, 218.

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](#).

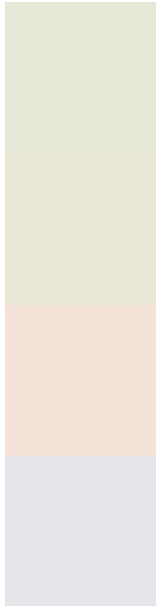
Dichromacy





Tritanopia
233, 227, 245

Trichromacy



Original Color

214, 232, 218

Protanomaly

218, 234, 213

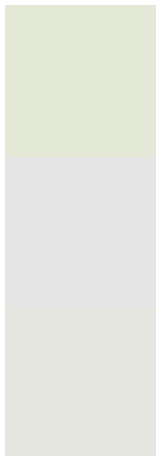
Deuteranomaly

245, 231, 216

Tritanomaly

231, 229, 234

Monochromacy



Original Color

214, 232, 218

Achromatopsia

229, 229, 229

Achromatomaly

224, 230, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 232, 218 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, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 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, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 232, 218 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, 232, 214) }
```

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

```
.border{ border-color:rgb(228, 232, 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, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 228, 232, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 214) }
```

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

```
.background{ background-color: rgb(228,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor