

Converting Colors

`RYB(214, 228, 224)`

Have a look what the booklet for
RYB(214, 228, 224) contains.

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Color

R_YB(214, 228, 224)

Conversions

Conversions Part 1

Format	Color
Hex	DAE4D6
RGB	218, 228, 214
RGB Percent	85%, 89%, 84%
CMY	0.1451, 0.1059, 0.1608
CMYK	0.04, 0.00, 0.06, 0.11
HSL	103°, 21%, 87%
HSV	103°, 6%, 89%
XYZ	68.7944, 75.2473, 74.5166
YIQ	223.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

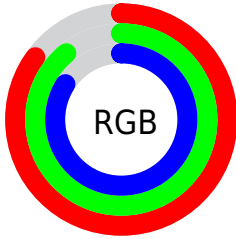
Format	Color
R _Y B	214, 228, 224
Decimal	14345430
CIE Lab	89.51, -5.85, 5.66
CIE LCh	90, 8.143, 135.948
Yxy	75.2473, 0.3148, 0.3443
Android (android.graphics.Color)	4292535510 (0xFFDAE4D6)
YUV	223.4140, -4.6411, -4.7481
Hunter-Lab	86.7452, -10.2422, 9.7898

Details

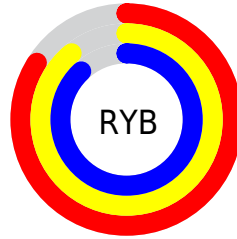
The RYB color **214, 228, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 214, 228**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 173, 169** is the 20% darker color. If you saturate the color by 10%, you get **191, 228, 217**, and if you desaturate by 10%, it is **234, 228, 237**.

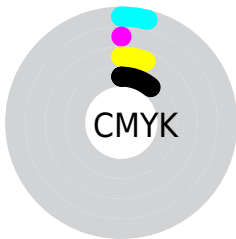
Distribution



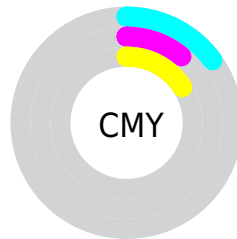
- Red (85%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 228, 224 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, 228, 224 by changing the saturation by 10% instead.

■ 214, 228, 224

255, 255, 255

■ 214, 228, 224

■ 186, 200, 196

■ 159, 173, 169

■ 133, 146, 142

■ 108, 120, 117

■ 84, 96, 93

■ 61, 72, 69


■ 39, 49, 46

■ 18, 29, 26

■ 0, 0, 0

 214, 228, 224

 214, 228, 224

 191, 228, 217

 234, 228, 237

 168, 228, 211

 251, 228, 255

 146, 228, 205

 255, 228, 255

 123, 228, 198

 100, 228, 191

 77, 228, 185

 54, 228, 178

 32, 228, 172

 9, 228, 166

Harmonies

Analogous

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



211, 227, 210



214, 228, 224



210, 222, 229

Triad

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



214, 228, 224



213, 222, 240



242, 220, 221

Complementary

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



214, 228, 224



224, 214, 228

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.



239, 220, 229



214, 228, 224



222, 224, 240

Square

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



214, 228, 224



207, 220, 236



232, 222, 236



241, 223, 214

Rectangle

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



214, 228, 224



207, 220, 230



232, 222, 236



242, 220, 224

Sweetspot

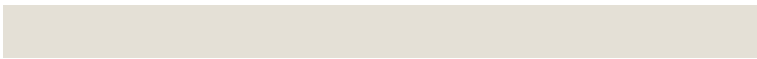
The Sweet Spot groups the original color and five complimentary colors.



214, 228, 224



250, 255, 254



220, 228, 214



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



214, 228, 224



237, 255, 250



214, 226, 228



106, 115, 113



0, 179, 128



0, 51, 36

Inverse Universe

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



224, 214, 228



250, 237, 255



228, 214, 225



112, 106, 115



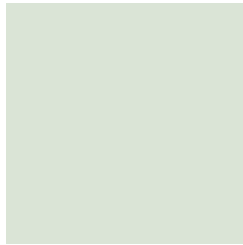
128, 0, 179



36, 0, 51

Previews

White Background



This preview shows how the RYB color 214, 228, 224 looks on a white background.

Color Contrast Check

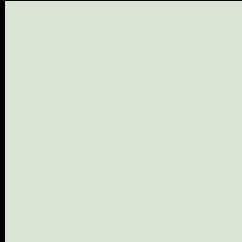
Large Text (above 18pt) WCAG AA × Fail

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, 228, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

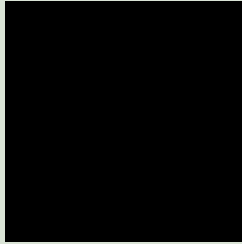
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

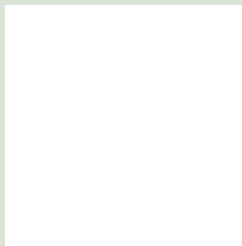
Any Text WCAG AAA ✓ Pass

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

RYB 214, 228, 224 Background



This preview shows how black text looks on a background with the RYB color 214, 228, 224.



This preview shows how white text looks on a background with the RYB color 214, 228, 224.

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](#).

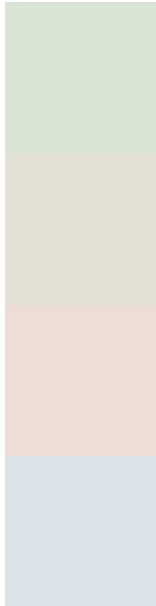
Dichromacy





Tritanopia
222, 224, 242

Trichromacy



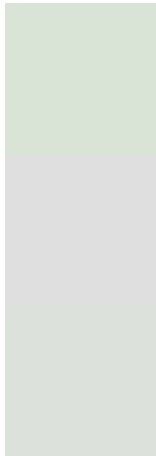
Original Color
214, 228, 224

Protanomaly
215, 227, 213

Deuteranomaly
238, 223, 215

Tritanomaly
221, 224, 232

Monochromacy



Original Color
214, 228, 224

Achromatopsia
223, 223, 223

Achromatomaly
220, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 228, 224 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(218, 228, 214) looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 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(218, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 228, 224 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(218, 228, 214) }
```

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

```
.border{ border-color:rgb(218, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 214, 228, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 214) }
```

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

```
.background{ background-color: rgb(218,  
228, 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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