

Converting Colors

RGB(215, 228, 224)

Have a look what the booklet for
RGB(215, 228, 224) contains.

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Color

RGB(215, 228, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D7E4E0
RGB	215, 228, 224
RGB Percent	84%, 89%, 88%
CMY	0.1569, 0.1059, 0.1216
CMYK	0.06, 0.00, 0.02, 0.11
HSL	162°, 19%, 87%
HSV	162°, 6%, 89%
XYZ	69.2223, 75.3157, 81.4100
YIQ	223.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

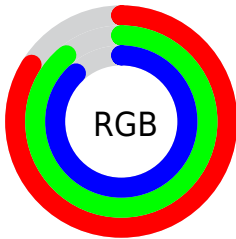
Format	Color
R _Y B	215, 223, 228
Decimal	14148832
CIE Lab	89.54, -5.06, 0.44
CIE LCh	90, 5.081, 175.011
Yxy	75.3157, 0.3064, 0.3333
Android (android.graphics.Color)	4292338912 (0xFFD7E4E0)
YUV	223.6570, 0.1691, -7.5922
Hunter-Lab	86.7846, -9.4956, 5.1311

Details

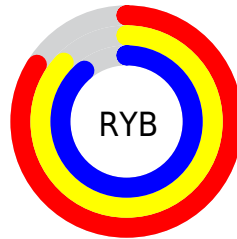
The RGB color **215, 228, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 215, 219**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 173, 169** is the 20% darker color. If you saturate the color by 10%, you get **192, 228, 217**, and if you desaturate by 10%, it is **238, 228, 231**.

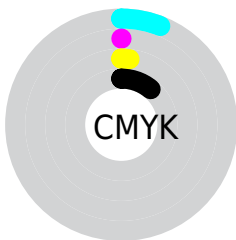
Distribution



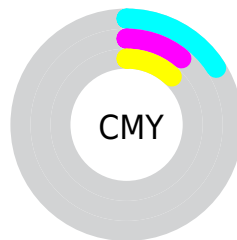
- Red (84%)
- Green (89%)
- Blue (88%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 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 RGB color 215, 228, 224 by changing the saturation by 10% instead.

■ 215, 228, 224

255, 255, 255

■ 215, 228, 224

■ 187, 200, 196

■ 160, 173, 169

■ 134, 146, 142

■ 109, 120, 117

■ 84, 96, 92

■ 61, 72, 69

■ 39, 49, 47

■ 19, 29, 26

■ 0, 0, 0

 215, 228, 224

 215, 228, 224

 192, 228, 217

 238, 228, 231

 169, 228, 210


 255, 228, 238

 147, 228, 203

 255, 228, 245

 124, 228, 196

 255, 228, 252

 101, 228, 189

 255, 228, 255

 78, 228, 182

 55, 228, 175

 33, 228, 168

 10, 228, 161

Harmonies

Analogous

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



219, 227, 219



215, 228, 224



213, 228, 229

Triad

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



215, 228, 224



225, 224, 234



234, 223, 217

Complementary

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



215, 228, 224



228, 215, 219

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, 222, 221



215, 228, 224



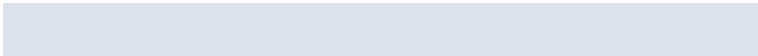
231, 223, 231

Square

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



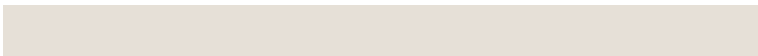
215, 228, 224



219, 226, 235



235, 222, 226



230, 224, 215

Rectangle

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



215, 228, 224



214, 227, 232



235, 222, 226



235, 223, 218

Sweetspot

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



215, 228, 224



250, 255, 253



219, 228, 215



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



215, 228, 224



237, 255, 250



215, 226, 228



106, 115, 112



0, 179, 124



0, 51, 35

Inverse Universe

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



228, 215, 219



255, 237, 243



228, 217, 215



115, 106, 108



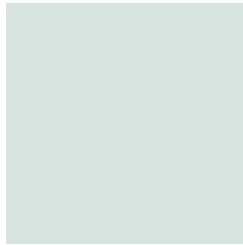
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RGB color 215, 228, 224 looks on a white background.

Color Contrast Check

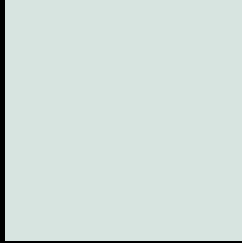
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 215, 228, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

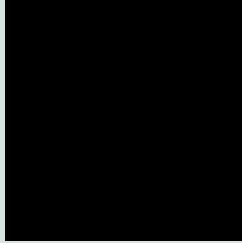
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

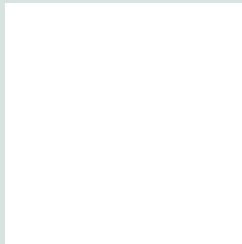
Any Text WCAG AAA ✓ Pass

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

RGB 215, 228, 224 Background



This preview shows how black text looks on a background with the RGB color 215, 228, 224.



This preview shows how white text looks on a background with the RGB color 215, 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](#).

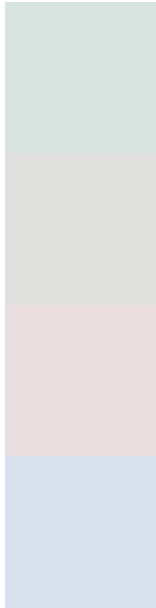
Dichromacy





Tritanopia
218, 225, 243

Trichromacy



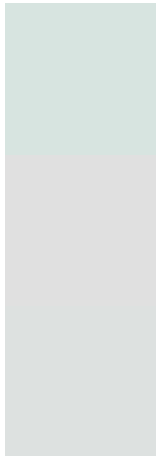
Original Color
215, 228, 224

Protanomaly
224, 225, 223

Deuteranomaly
235, 222, 225

Tritanomaly
217, 226, 236

Monochromacy



Original Color
215, 228, 224

Achromatopsia
224, 224, 224

Achromatomaly
221, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 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(215, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 228, 224)  
}
```

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(215, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 228, 224) }
```

Border

The CSS property to change the border of an element to RGB 215, 228, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

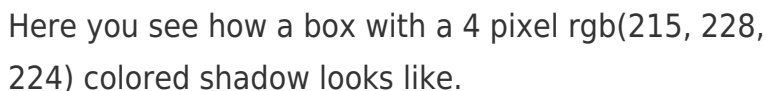
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 228, 224) }
```

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

```
.border{ border-color:rgb(215, 228, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 228, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 228, 224); box-shadow:4px 4px 4px 4px rgb(215, 228, 224) }
```

Background

The CSS property to change the background color of an element to RGB 215, 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(215, 228, 224) }
```

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

```
.background{ background-color: rgb(215,  
228, 224) }
```

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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