

Converting Colors

RGB(212, 232, 238)

Have a look what the booklet for
RGB(212, 232, 238) contains.

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Color

RGB(212, 232, 238)

Conversions

Conversions Part 1

Format	Color
Hex	D4E8EE
RGB	212, 232, 238
RGB Percent	83%, 91%, 93%
CMY	0.1686, 0.0902, 0.0667
CMYK	0.11, 0.03, 0.00, 0.07
HSL	194°, 43%, 88%
HSV	194°, 11%, 93%
XYZ	71.4406, 77.8833, 92.1566
YIQ	226.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

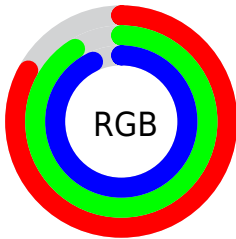
Format	Color
R _Y B	212, 223, 238
Decimal	13953262
CIE Lab	90.73, -5.42, -5.17
CIE LCh	91, 7.491, 223.671
Yxy	77.8833, 0.2958, 0.3225
Android (android.graphics.Color)	4292143342 (0xFFD4E8EE)
YUV	226.7040, 5.5689, -12.8954
Hunter-Lab	88.2515, -9.9424, -0.1375

Details

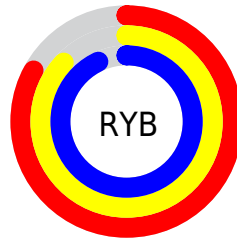
The RGB color **212, 232, 238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **238, 218, 212**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 176, 182** is the 20% darker color. If you saturate the color by 10%, you get **188, 227, 238**, and if you desaturate by 10%, it is **236, 237, 238**.

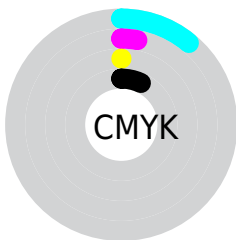
Distribution



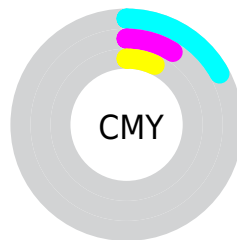
- Red (83%)
- Green (91%)
- Blue (93%)



- Red (83%)
- Yellow (87%)
- Blue (93%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 232, 238 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 212, 232, 238 by changing the saturation by 10% instead.

■ 212, 232, 238

255, 255, 255

■ 212, 232, 238

■ 184, 204, 210

■ 157, 176, 182

■ 131, 150, 155

■ 106, 124, 129

■ 81, 99, 104

■ 58, 75, 80

■ 36, 53, 57

■ 15, 31, 36

■ 0, 6, 15

212, 232, 238

212, 232, 238

188, 227, 238

236, 237, 238

164, 221, 238

255, 243, 238

141, 216, 238

255, 248, 238

117, 210, 238

255, 254, 238

93, 205, 238

255, 255, 238

69, 199, 238

45, 194, 238

22, 188, 238

0, 183, 238

Harmonies

Analogous

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



211, 233, 231



212, 232, 238



217, 230, 242

Triad

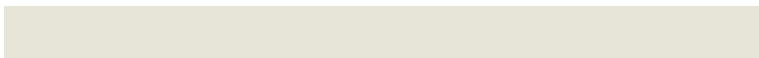
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 232, 238



241, 224, 233



231, 229, 215

Complementary

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



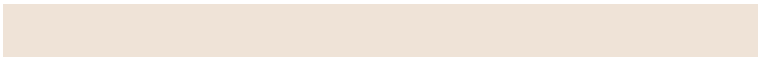
212, 232, 238



238, 218, 212

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, 227, 215



212, 232, 238



244, 224, 225

Square

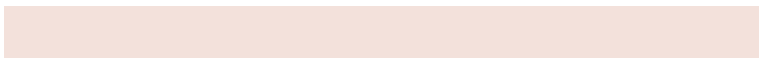
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 232, 238



234, 226, 239



243, 225, 219



223, 231, 218

Rectangle

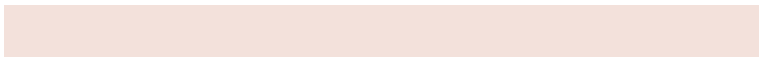
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



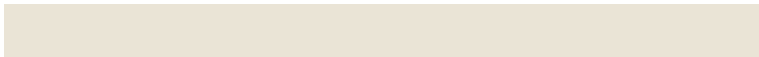
212, 232, 238



222, 229, 243



243, 225, 219



234, 228, 214

Sweetspot

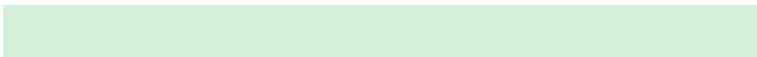
The Sweet Spot groups the original color and five complimentary colors.



212, 232, 238



247, 253, 255



212, 238, 218



122, 126, 128



0, 0, 0



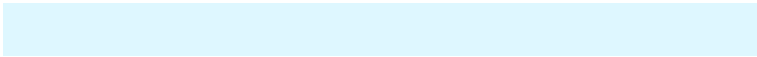
128, 128, 128

Same Dimension

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



212, 232, 238



222, 247, 255



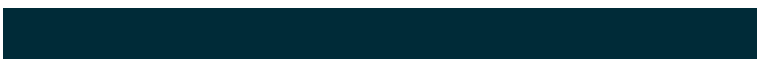
212, 219, 238



108, 117, 120



0, 141, 184



0, 43, 56

Inverse Universe

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



238, 212, 232



255, 222, 247



238, 231, 212



120, 108, 117



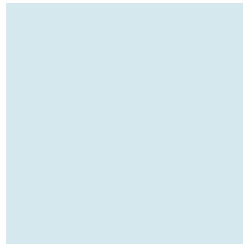
184, 0, 141



56, 0, 43

Previews

White Background



This preview shows how the RGB color 212, 232, 238 looks on a white background.

Color Contrast Check

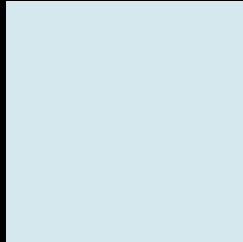
Large Text (above 18pt) WCAG AA × Fail

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 212, 232, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

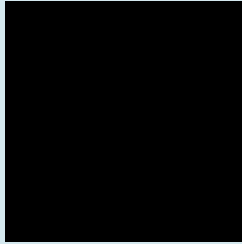
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

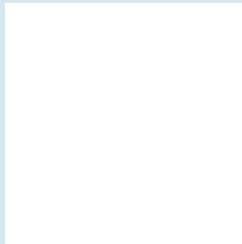
Any Text WCAG AAA ✓ Pass

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

RGB 212, 232, 238 Background



This preview shows how black text looks on a background with the RGB color 212, 232, 238.



This preview shows how white text looks on a background with the RGB color 212, 232, 238.

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

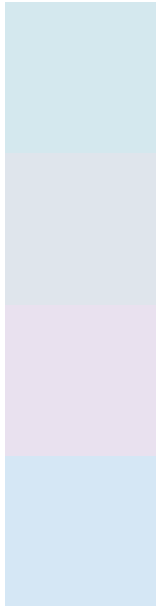




Tritanopia

214, 230, 249

Trichromacy



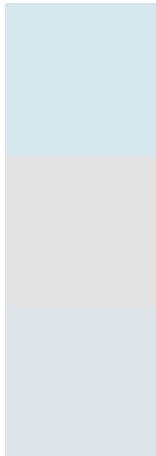
Original Color
212, 232, 238

Protanomaly
223, 229, 236

Deuteranomaly
233, 225, 239

Tritanomaly
213, 231, 245

Monochromacy



Original Color
212, 232, 238

Achromatopsia
227, 227, 227

Achromatomaly
222, 229, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 232, 238 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(212, 232, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 238)  
}
```

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(212, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 238) }
```

Border

The CSS property to change the border of an element to RGB 212, 232, 238 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(212, 232, 238) }
```

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

```
.border{ border-color:rgb(212, 232, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 212, 232, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 238) }
```

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

```
.background{ background-color: rgb(212,  
232, 238) }
```

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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