Converting Colors

RGB(218, 229, 238)

Have a look what the booklet for RGB(218, 229, 238) contains.

Color

RGB(218, 229, 238)

Conversions

Format	Color
Hex	DAE5EE
RGB	218, 229, 238
RGB Percent	85%, 90%, 93%
CMY	0.1451, 0.1020, 0.0667
CMYK	0.08, 0.04, 0.00, 0.07
HSL	207°, 37%, 89%
HSV	207°, 8%, 93%
XYZ	72.3654, 77.1171, 91.9599
YIQ	226.7370, -9.4450, 0.4670

Conversions Part 1

Conversions

Conversions Part 2

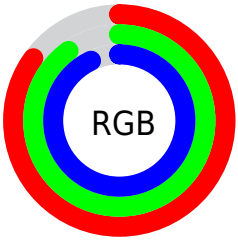
Format	Color
RYB	218, 225, 238
Decimal	14345710
CIELab	90.38, -1.95, -5.64
CIELCh	90, 5.972, 250.922
Yxy	77.1171, 0.2997, 0.3194
Android (android.graphics.Color)	4292535790 (0xFFDAE5EE)
YUV	226.7370, 5.5527, -7.6623
Hunter-Lab	87.8163, -6.5850, -0.6162

Details

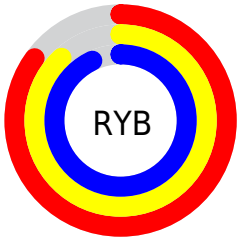
The RGB color 218, 229, 238 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 238, 227, 218, and the grayscale version is 227, 227, 227.

A 20% lighter version of the original color is 255, 255, 255, and 163, 174, 182 is the 20% darker color. If you saturate the color by 10%, you get 194, 218, 238, and if you desaturate by 10%, it is 242, 240, 238.

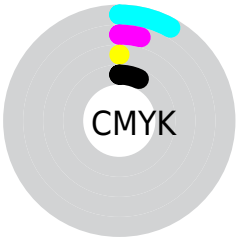
Distribution



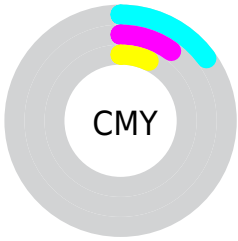
- Red (85%)
- Green (90%)
- Blue (93%)



- Red (85%)
- Yellow (88%)
- Blue (93%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 229, 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 218, 229, 238 by changing the saturation by 10% instead.

218, 229, 238

255, 255, 255

218, 229, 238

190, 201, 210

163, 174, 182

137, 147, 155

111, 121, 129

87, 97, 104

63, 73, 80

41, 50, 57

20, 29, 36

0, 3, 14

218, 229, 238

194, 218, 238

170, 208, 238

147, 197, 238

123, 186, 238

99, 175, 238

75, 165, 238

51, 154, 238

28, 143, 238

4, 133, 238

218, 229, 238

242, 240, 238

255, 250, 238

255, 255, 238

Harmonies

Analogous

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

214, 230, 235

218, 229, 238

224, 227, 239

Triad

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

218, 229, 238

240, 224, 225

223, 229, 219

Complementary

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

218, 229, 238

238, 227, 218

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.

230, 228, 216

218, 229, 238

240, 224, 220

Square

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

218, 229, 238

237, 224, 231

236, 226, 217

218, 231, 223

Rectangle

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

218, 229, 238

229, 226, 237

236, 226, 217

226, 229, 218

Sweetspot

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

218, 229, 238

247, 252, 255

218, 238, 227

122, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

218, 229, 238

230, 244, 255

218, 219, 238

108, 114, 120

0, 101, 184

0, 31, 56

Inverse Universe

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

238, 218, 229

255, 230, 244

238, 237, 218

120, 108, 114

184, 0, 101

56, 0, 31

Previews

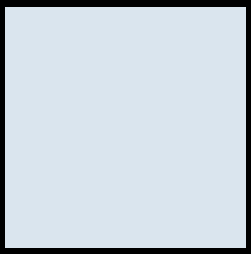
White Background

This preview shows how the RGB color 218, 229, 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



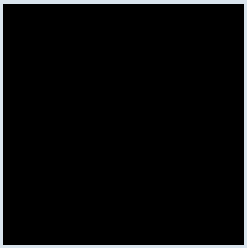
This preview shows how the RGB color 218, 229, 238 looks on a black background.

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 218, 229, 238 Background



This preview shows how black text looks on a background with the RGB color 218, 229, 238.

This preview shows how white text looks on a background with the RGB color 218, 229, 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

Original Color
218, 229, 238

Protanopia
229, 226, 236

Deuteranopia
244, 221, 240

Tritanopia
219, 228, 246

Trichromacy

Original Color
218, 229, 238

Protanomaly
225, 227, 237

Deuteranomaly
235, 224, 239

Tritanomaly
219, 228, 243

Monochromacy

Original Color
218, 229, 238

Achromatopsia
227, 227, 227

Achromatomaly
224, 228, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 229, 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(218, 229, 238) looks like.

```
.text, #text, p{
    color:rgb(218, 229, 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(218, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 238) }
```

Border

The CSS property to change the border of an element to RGB 218, 229, 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(218, 229, 238) }
```

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

```
.border{ border-color:rgb(218, 229, 238) }
```

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

Here you see how a box with a 4 pixel rgb(218, 229, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 229, 238); box-shadow:4px 4px 4px 4px rgb(218, 229, 238) }
```

Background

The CSS property to change the background color of an element to RGB 218, 229, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(218, 229, 238) }
```

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

```
.background{ background-color:rgb(218,
229, 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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