

Converting Colors

RGB(220, 228, 232)

Have a look what the booklet for
RGB(220, 228, 232) contains.

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Color

RGB(220, 228, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DCE4E8
RGB	220, 228, 232
RGB Percent	86%, 89%, 91%
CMY	0.1373, 0.1059, 0.0902
CMYK	0.05, 0.02, 0.00, 0.09
HSL	200°, 21%, 89%
HSV	200°, 5%, 91%
XYZ	71.8241, 76.5286, 87.3299
YIQ	226.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

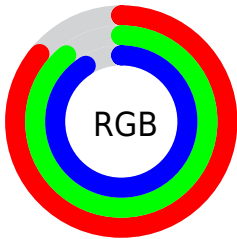
Format	Color
R _Y B	220, 225, 232
Decimal	14476520
CIE Lab	90.10, -1.92, -2.88
CIE LCh	90, 3.467, 236.292
Yxy	76.5286, 0.3047, 0.3247
Android (android.graphics.Color)	4292666600 (0xFFDCE4E8)
YUV	226.0640, 2.9264, -5.3181
Hunter-Lab	87.4807, -6.5376, 2.0486

Details

The RGB color **220, 228, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 224, 220**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **197, 220, 232**, and if you desaturate by 10%, it is **243, 236, 232**.

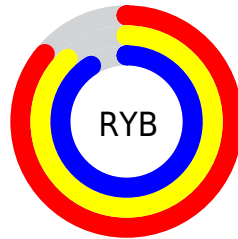
Distribution



Red (86%)

Green (89%)

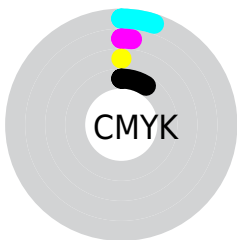
Blue (91%)



Red (86%)

Yellow (88%)

Blue (91%)

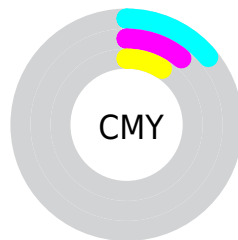


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 228, 232 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 220, 228, 232 by changing the saturation by 10% instead.

■ 220, 228, 232

255, 255, 255

■ 220, 228, 232

■ 192, 200, 204

■ 165, 173, 176

■ 139, 146, 150

■ 113, 120, 124

■ 89, 96, 99

■ 65, 72, 75

■ 43, 50, 53

■ 23, 29, 31

■ 0, 1, 7

 220, 228, 232

 220, 228, 232

 197, 220, 232


 243, 236, 232

 174, 213, 232


 255, 243, 232


 150, 205, 232


 255, 251, 232


 127, 197, 232


 255, 255, 232

 104, 189, 232

 81, 182, 232

 58, 174, 232

 34, 166, 232

 11, 158, 232

Harmonies

Analogous

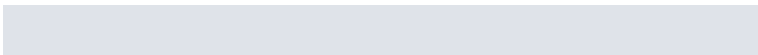
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 229, 229



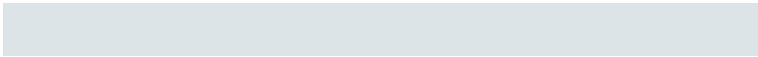
220, 228, 232



223, 227, 233

Triad

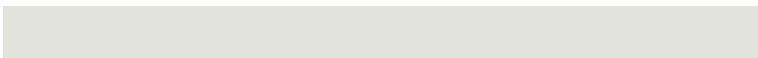
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 228, 232



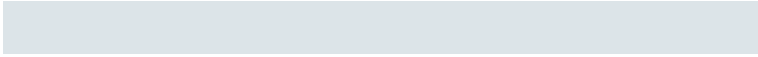
233, 225, 227



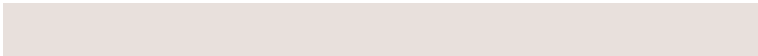
226, 227, 221

Complementary

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



220, 228, 232



232, 224, 220

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, 226, 220



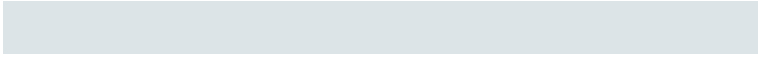
220, 228, 232



234, 225, 224

Square

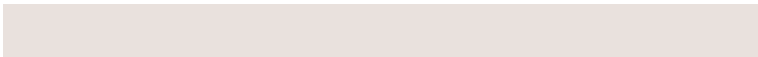
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 228, 232



231, 225, 230



233, 225, 221



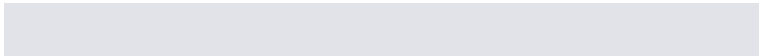
222, 228, 223

Rectangle

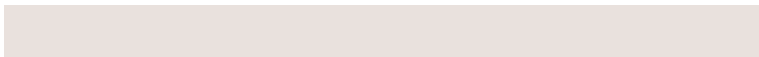
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



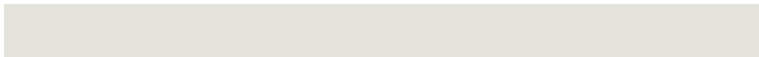
220, 228, 232



226, 226, 233



233, 225, 221



228, 227, 220

Sweetspot

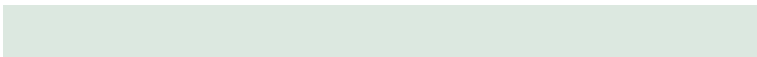
The Sweet Spot groups the original color and five complimentary colors.



220, 228, 232



250, 253, 255



220, 232, 224



125, 127, 128



0, 0, 0



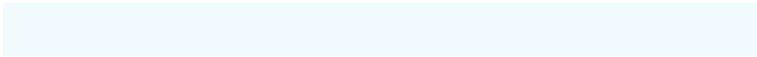
128, 128, 128

Same Dimension

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



220, 228, 232



240, 250, 255



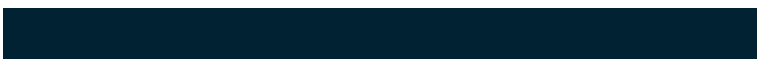
220, 222, 232



107, 112, 115



0, 119, 179



0, 34, 51

Inverse Universe

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



232, 220, 228



255, 240, 250



232, 230, 220



115, 107, 112



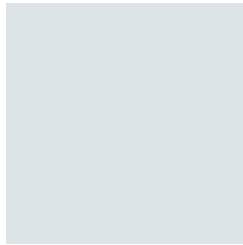
179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RGB color 220, 228, 232 looks on a white background.

Color Contrast Check

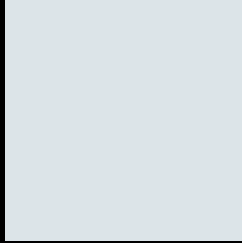
Large Text (above 18pt) WCAG AA × Fail

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 220, 228, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

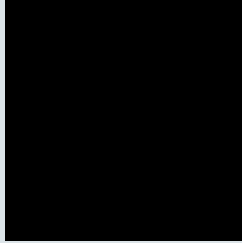
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

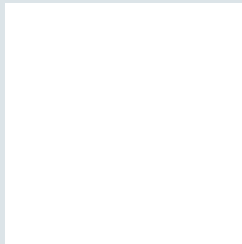
Any Text WCAG AAA ✓ Pass

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

RGB 220, 228, 232 Background



This preview shows how black text looks on a background with the RGB color 220, 228, 232.



This preview shows how white text looks on a background with the RGB color 220, 228, 232.

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](#).

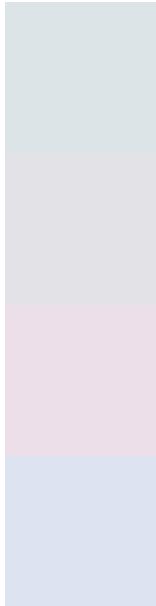
Dichromacy





Tritanopia
222, 226, 244

Trichromacy



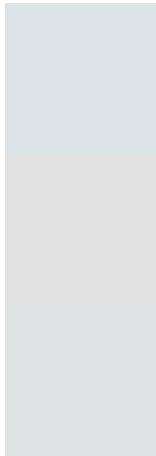
Original Color
220, 228, 232

Protanomaly
226, 226, 231

Deuteranomaly
236, 223, 233

Tritanomaly
221, 227, 240

Monochromacy



Original Color
220, 228, 232

Achromatopsia
226, 226, 226

Achromatomaly
224, 227, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 228, 232 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(220, 228, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 228, 232)  
}
```

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(220, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 228, 232) }
```

Border

The CSS property to change the border of an element to RGB 220, 228, 232 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(220, 228, 232) }
```

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

```
.border{ border-color:rgb(220, 228, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 228,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 220, 228, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 228, 232) }
```

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

```
.background{ background-color: rgb(220,  
228, 232) }
```

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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