

Converting Colors

RGB(220, 221, 227)

Have a look what the booklet for
RGB(220, 221, 227) contains.

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Color

RGB(220, 221, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDE3
RGB	220, 221, 227
RGB Percent	86%, 87%, 89%
CMY	0.1373, 0.1333, 0.1098
CMYK	0.03, 0.03, 0.00, 0.11
HSL	231°, 11%, 88%
HSV	231°, 3%, 89%
XYZ	69.2368, 72.4746, 83.0129
YIQ	221.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

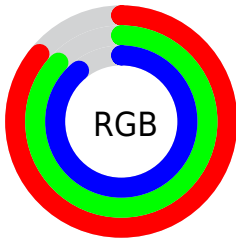
Format	Color
R_{YB}	220, 221, 227
Decimal	14474723
CIE Lab	88.20, 0.76, -3.06
CIE LCh	88, 3.153, 284.011
Yxy	72.4746, 0.3081, 0.3225
Android (android.graphics.Color)	4292664803 (0xFFDCDDE3)
YUV	221.3850, 2.7682, -1.2146
Hunter-Lab	85.1320, -3.8093, 1.7783

Details

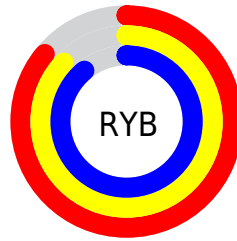
The RGB color **220, 221, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 226, 220**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 166, 172** is the 20% darker color. If you saturate the color by 10%, you get **197, 202, 227**, and if you desaturate by 10%, it is **243, 240, 227**.

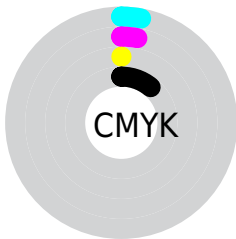
Distribution



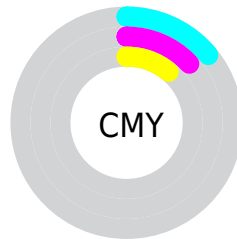
- Red (86%)
- Green (87%)
- Blue (89%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



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



- Cyan (14%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 221, 227 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, 221, 227 by changing the saturation by 10% instead.

■ 220, 221, 227

255, 255, 255

■ 220, 221, 227

■ 192, 193, 199

■ 165, 166, 172

■ 139, 140, 145

■ 113, 114, 120

■ 89, 90, 95

■ 65, 66, 71

■ 43, 44, 49

■ 23, 24, 28

■ 0, 0, 0

■ 220, 221, 227

■ 220, 221, 227

■ 197, 202, 227

■ 243, 240, 227

■ 175, 182, 227

■ 255, 255, 227

■ 152, 163, 227

■ 129, 143, 227

■ 107, 124, 227

■ 84, 104, 227

■ 61, 85, 227

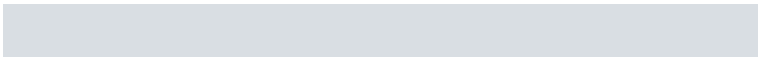
■ 38, 65, 227

■ 16, 46, 227

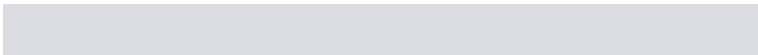
Harmonies

Analogous

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



217, 222, 227



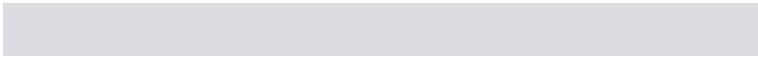
220, 221, 227



224, 220, 226

Triad

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



220, 221, 227



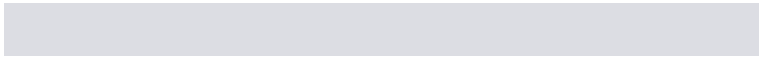
228, 220, 217



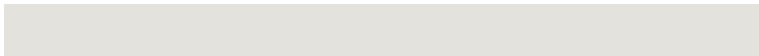
216, 223, 219

Complementary

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



220, 221, 227



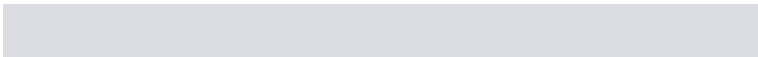
227, 226, 220

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.



219, 222, 217



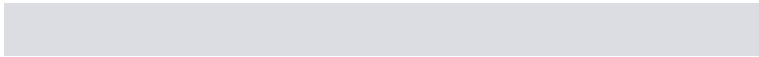
220, 221, 227



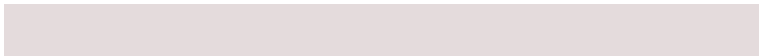
226, 220, 216

Square

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



220, 221, 227



228, 219, 220



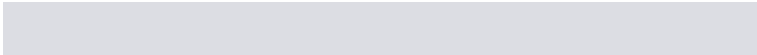
222, 221, 215



214, 223, 223

Rectangle

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



220, 221, 227



226, 220, 224



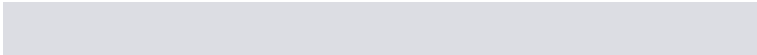
222, 221, 215



217, 223, 219

Sweetspot

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



220, 221, 227



252, 253, 255



220, 227, 226



126, 126, 128



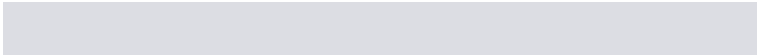
0, 0, 0



128, 128, 128

Same Dimension

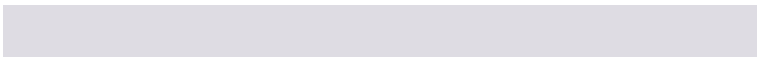
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 221, 227



245, 246, 255



222, 220, 227



109, 110, 115



0, 25, 179



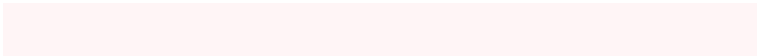
0, 7, 51

Inverse Universe

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



227, 220, 221



255, 245, 246



225, 227, 220



115, 109, 110



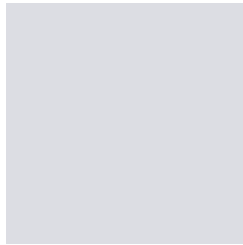
179, 0, 26



51, 0, 7

Previews

White Background



This preview shows how the RGB color 220, 221, 227 looks on a white background.

Color Contrast Check

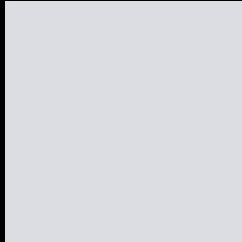
Large Text (above 18pt) WCAG AA × Fail

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, 221, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

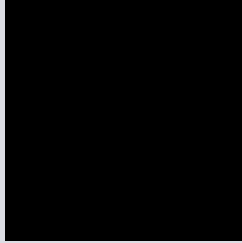
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

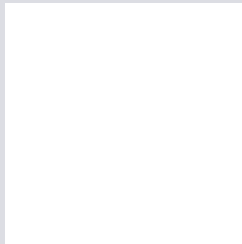
Any Text WCAG AAA ✓ Pass

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

RGB 220, 221, 227 Background



This preview shows how black text looks on a background with the RGB color 220, 221, 227.

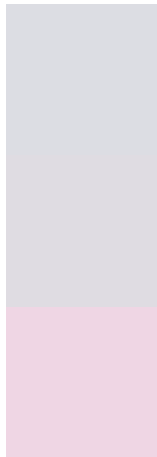


This preview shows how white text looks on a background with the RGB color 220, 221, 227.

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
220, 221, 227

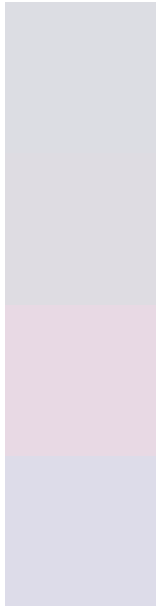
Protanopia
223, 220, 226

Deuteranopia
239, 214, 228



Tritanopia
222, 219, 237

Trichromacy



Original Color

220, 221, 227

Protanomaly

222, 220, 226

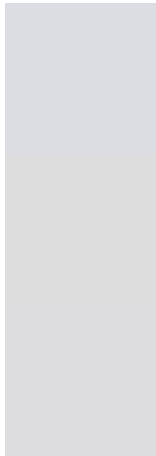
Deuteranomaly

232, 217, 228

Tritanomaly

221, 220, 233

Monochromacy



Original Color

220, 221, 227

Achromatopsia

221, 221, 221

Achromatomaly

221, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 221, 227 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, 221, 227) looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 227)  
}
```

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, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 227) }
```

Border

The CSS property to change the border of an element to RGB 220, 221, 227 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, 221, 227) }
```

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

```
.border{ border-color:rgb(220, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 220, 221, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 227) }
```

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

```
.background{ background-color: rgb(220,  
221, 227) }
```

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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