Converting Colors

RGB(221, 225, 228)

Have a look what the booklet for RGB(221, 225, 228) contains.

Color

RGB(221, 225, 228)

Conversions

Format	Color
Hex	DDE1E4
RGB	221, 225, 228
RGB Percent	87%, 88%, 89%
CMY	0.1333, 0.1176, 0.1059
CMYK	0.03, 0.01, 0.00, 0.11
HSL	206°, 11%, 88%
HSV	206°, 3%, 89%
XYZ	70.7476, 74.8240, 84.1125
YIQ	224.1460, -3.3470, 0.0850

Conversions Part 1

Conversions

Conversions Part 2

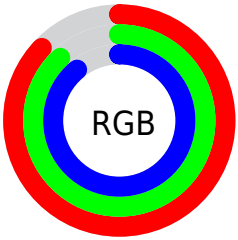
Format	Color
RYB	221, 224, 228
Decimal	14541284
CIELab	89.31, -0.79, -1.94
CIELCh	89, 2.096, 247.876
Yxy	74.8240, 0.3080, 0.3258
Android (android.graphics.Color)	4292731364 (0xFFDDE1E4)
YUV	224.1460, 1.9000, -2.7590
Hunter-Lab	86.5009, -5.3844, 2.8977

Details

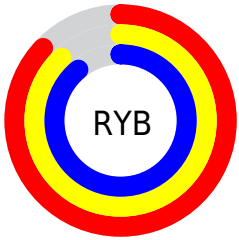
The RGB color 221, 225, 228 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 228, 224, 221, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 255, 255, 255, and 166, 170, 173 is the 20% darker color. If you saturate the color by 10%, you get 198, 215, 228, and if you desaturate by 10%, it is 244, 235, 228.

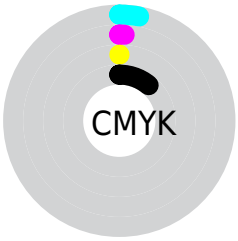
Distribution



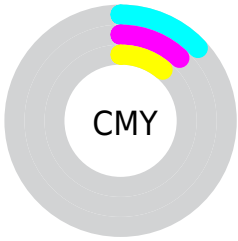
- Red (87%)
- Green (88%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 225, 228 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 221, 225, 228 by changing the saturation by 10% instead.

221, 225, 228	221, 225, 228
255, 255, 255	193, 197, 200
	166, 170, 173
	140, 143, 146
	114, 118, 120
	90, 93, 96
	66, 70, 72
	44, 47, 50
	24, 27, 29
	0, 0, 2

221, 225, 228

198, 215, 228

175, 205, 228

153, 196, 228

130, 186, 228

107, 176, 228

84, 166, 228

61, 157, 228

39, 147, 228

16, 137, 228

221, 225, 228

244, 235, 228

255, 245, 228

255, 254, 228

255, 255, 228

Harmonies

Analogous

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

220, 225, 227

221, 225, 228

223, 224, 228

Triad

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

221, 225, 228

229, 223, 224

223, 225, 221

Complementary

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

221, 225, 228

228, 224, 221

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.

226, 224, 220

221, 225, 228

229, 223, 222

Square

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

221, 225, 228

228, 223, 226

228, 224, 221

221, 225, 223

Rectangle

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

221, 225, 228

225, 224, 228

228, 224, 221

224, 225, 221

Sweetspot

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

221, 225, 228

252, 254, 255

221, 228, 224

126, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

221, 225, 228

245, 251, 255

221, 222, 228

109, 112, 115

0, 102, 179

0, 29, 51

Inverse Universe

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

228, 221, 225

255, 245, 251

228, 227, 221

115, 109, 112

179, 0, 102

51, 0, 29

Previews

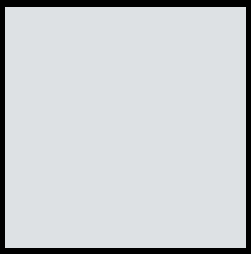
White Background

This preview shows how the RGB color 221, 225, 228 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



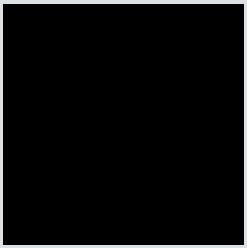
This preview shows how the RGB color 221, 225, 228 looks on a black background.

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 221, 225, 228 Background



This preview shows how black text looks on a background with the RGB color 221, 225, 228.

This preview shows how white text looks on a background with the RGB color 221, 225, 228.

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
221, 225, 228

Protanopia
227, 223, 227

Deuteranopia
243, 217, 230

Tritanopia
223, 223, 241

Trichromacy

Original Color
221, 225, 228

Protanomaly
225, 224, 227

Deuteranomaly
235, 220, 229

Tritanomaly
222, 224, 236

Monochromacy

Original Color
221, 225, 228

Achromatopsia
224, 224, 224

Achromatomaly
223, 224, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 225, 228 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(221, 225, 228) looks like.

```
.text, #text, p{
    color:rgb(221, 225, 228)
}
```

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(221, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 228) }
```

Border

The CSS property to change the border of an element to RGB 221, 225, 228 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(221, 225, 228) }
```

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

```
.border{ border-color:rgb(221, 225, 228) }
```

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

Here you see how a box with a 4 pixel rgb(221, 225, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 225, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 225, 228); box-shadow:4px 4px 4px 4px rgb(221, 225, 228) }
```

Background

The CSS property to change the background color of an element to RGB 221, 225, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(221, 225, 228) }
```

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

```
.background{ background-color:rgb(221,
225, 228) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor