Converting Colors

RGB(222, 220, 227)

Have a look what the booklet for RGB(222, 220, 227) contains.

Color

RGB(222, 220, 227)

Conversions

Format	Color
Hex	DEDCE3
RGB	222, 220, 227
RGB Percent	87%, 86%, 89%
CMY	0.1294, 0.1373, 0.1098
CMYK	0.02, 0.03, 0.00, 0.11
HSL	257°, 11%, 88%
HSV	257°, 3%, 89%
XYZ	69.5825, 72.2620, 82.9536
YIQ	221.3960, -1.0550, 2.6010

Conversions Part 1

Conversions

Conversions Part 2

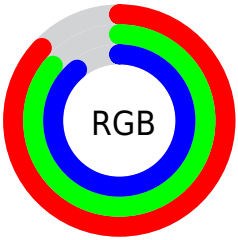
Format	Color
RYB	222, 220, 227
Decimal	14605539
CIELab	88.09, 1.95, -3.19
CIELCh	88, 3.740, 301.431
Yxy	72.2620, 0.3095, 0.3215
Android (android.graphics.Color)	4292795619 (0xFFDEDCE3)
YUV	221.3960, 2.7628, 0.5297
Hunter-Lab	85.0071, -2.6513, 1.6472

Details

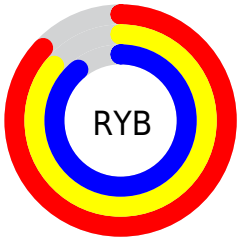
The RGB color 222, 220, 227 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 225, 227, 220, and the grayscale version is 221, 221, 221.

A 20% lighter version of the original color is 255, 255, 255, and 167, 165, 172 is the 20% darker color. If you saturate the color by 10%, you get 206, 197, 227, and if you desaturate by 10%, it is 238, 243, 227.

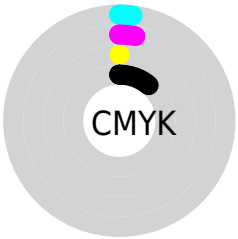
Distribution



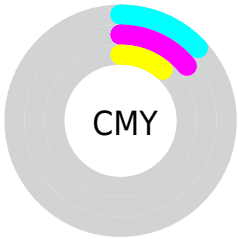
- Red (87%)
- Green (86%)
- Blue (89%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 220, 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 222, 220, 227 by changing the saturation by 10% instead.

222, 220, 227

255, 255, 255

222, 220, 227

194, 192, 199

167, 165, 172

141, 139, 145

115, 113, 120

91, 89, 95

67, 66, 71

45, 43, 49

24, 23, 28

0, 0, 0

222, 220, 227

206, 197, 227

190, 175, 227

173, 152, 227

157, 129, 227

141, 107, 227

125, 84, 227

108, 61, 227

92, 38, 227

76, 16, 227

222, 220, 227

238, 243, 227

254, 255, 227

255, 255, 227

Harmonies

Analogous

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

218, 221, 228

222, 220, 227

226, 219, 224

Triad

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

222, 220, 227

227, 220, 215

213, 223, 221

Complementary

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

222, 220, 227

225, 227, 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.

216, 223, 217

222, 220, 227

224, 221, 214

Square

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

222, 220, 227

229, 219, 217

220, 222, 215

213, 223, 224

Rectangle

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

222, 220, 227

228, 219, 222

220, 222, 215

214, 223, 220

Sweetspot

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

222, 220, 227

253, 252, 255

220, 225, 227

127, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

222, 220, 227

248, 245, 255

225, 220, 227

111, 109, 115

51, 0, 179

15, 0, 51

Inverse Universe

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

227, 220, 225

255, 245, 252

222, 227, 220

115, 109, 113

179, 0, 128

51, 0, 36

Previews

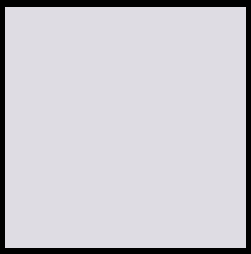
White Background

This preview shows how the RGB color 222, 220, 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



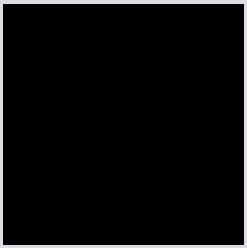
This preview shows how the RGB color 222, 220, 227 looks on a black background.

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 222, 220, 227 Background



This preview shows how black text looks on a background with the RGB color 222, 220, 227.

This preview shows how white text looks on a background with the RGB color 222, 220, 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
222, 220, 227

Protanopia
223, 220, 227

Deuteranopia
239, 214, 228

Tritanopia
223, 219, 236

Trichromacy

Original Color
222, 220, 227

Protanomaly
223, 220, 227

Deuteranomaly
233, 216, 228

Tritanomaly
223, 219, 233

Monochromacy

Original Color
222, 220, 227

Achromatopsia
221, 221, 221

Achromatomaly
221, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 220, 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(222, 220, 227) looks like.

```
.text, #text, p{
    color:rgb(222, 220, 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(222, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 227) }
```

Border

The CSS property to change the border of an element to RGB 222, 220, 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(222, 220, 227) }
```

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

```
.border{ border-color:rgb(222, 220, 227) }
```

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

Here you see how a box with a 4 pixel rgb(222, 220, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 220, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 220, 227); box-shadow:4px 4px 4px 4px rgb(222, 220, 227) }
```

Background

The CSS property to change the background color of an element to RGB 222, 220, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 220, 227) }
```

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

```
.background{ background-color:rgb(222,
220, 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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