Converting Colors

RGB(214, 224, 232)

Have a look what the booklet for RGB(214, 224, 232) contains.

Color

RGB(214, 224, 232)

Conversions

Format	Color
Hex	D6E0E8
RGB	214, 224, 232
RGB Percent	84%, 88%, 91%
CMY	0.1608, 0.1216, 0.0902
CMYK	0.08, 0.03, 0.00, 0.09
HSL	207°, 28%, 87%
HSV	207°, 8%, 91%
XYZ	68.9527, 73.4336, 86.8838
YIQ	221.9220, -8.5280, 0.3680

Conversions Part 1

Conversions

Conversions Part 2

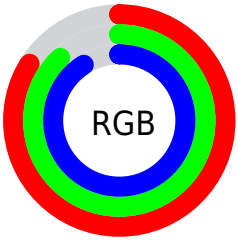
Format	Color
RYB	214, 220, 232
Decimal	14082280
CIELab	88.65, -1.83, -5.07
CIELCh	89, 5.386, 250.191
Yxy	73.4336, 0.3007, 0.3203
Android (android.graphics.Color)	4292272360 (0xFFD6E0E8)
YUV	221.9220, 4.9685, -6.9476
Hunter-Lab	85.6934, -6.3346, -0.1282

Details

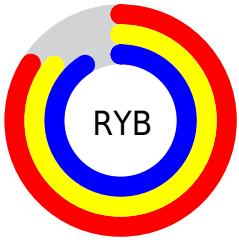
The RGB color 214, 224, 232 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 232, 222, 214, and the grayscale version is 222, 222, 222.

A 20% lighter version of the original color is 255, 255, 255, and 159, 169, 176 is the 20% darker color. If you saturate the color by 10%, you get 191, 214, 232, and if you desaturate by 10%, it is 237, 234, 232.

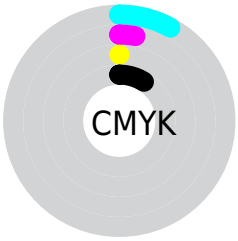
Distribution



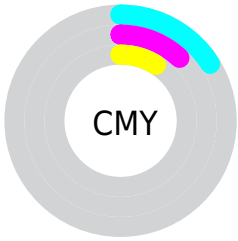
- Red (84%)
- Green (88%)
- Blue (91%)



- Red (84%)
- Yellow (86%)
- Blue (91%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 224, 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 214, 224, 232 by changing the saturation by 10% instead.

214, 224, 232

255, 255, 255

214, 224, 232

186, 196, 204

159, 169, 176

133, 142, 150

108, 117, 124

83, 92, 99

60, 69, 75

38, 47, 53

18, 26, 31

0, 0, 7

214, 224, 232

191, 214, 232

168, 203, 232

144, 193, 232

121, 183, 232

98, 172, 232

75, 162, 232

52, 152, 232

28, 142, 232

5, 131, 232

214, 224, 232

237, 234, 232

255, 245, 232

255, 255, 232

255, 255, 232

Harmonies

Analogous

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

211, 225, 229

214, 224, 232

220, 222, 233

Triad

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

214, 224, 232

234, 219, 221

219, 224, 215

Complementary

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

214, 224, 232

232, 222, 214

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.

225, 223, 212

214, 224, 232

234, 220, 216

Square

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

214, 224, 232

231, 220, 226

230, 221, 213

214, 225, 219

Rectangle

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

214, 224, 232

224, 221, 231

230, 221, 213

221, 224, 214

Sweetspot

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

214, 224, 232

250, 253, 255

214, 232, 222

125, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

214, 224, 232

232, 245, 255

214, 215, 232

103, 110, 115

0, 99, 179

0, 28, 51

Inverse Universe

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

232, 214, 224

255, 232, 245

232, 231, 214

115, 103, 110

179, 0, 99

51, 0, 28

Previews

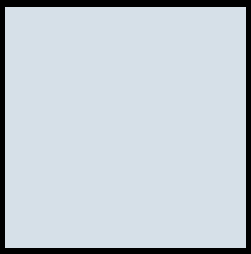
White Background

This preview shows how the RGB color 214, 224, 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



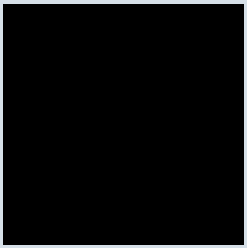
This preview shows how the RGB color 214, 224, 232 looks on a black background.

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 214, 224, 232 Background



This preview shows how black text looks on a background with the RGB color 214, 224, 232.

This preview shows how white text looks on a background with the RGB color 214, 224, 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

Original Color
214, 224, 232

Protanopia
224, 221, 230

Deuteranopia
239, 216, 234

Tritanopia
215, 223, 240

Trichromacy

Original Color
214, 224, 232

Protanomaly
220, 222, 231

Deuteranomaly
230, 219, 233

Tritanomaly
215, 223, 237

Monochromacy

Original Color
214, 224, 232

Achromatopsia
222, 222, 222

Achromatomaly
219, 223, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 224, 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(214, 224, 232) looks like.

```
.text, #text, p{
    color:rgb(214, 224, 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(214, 224, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 232) }
```

Border

The CSS property to change the border of an element to RGB 214, 224, 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(214, 224, 232) }
```

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

```
.border{ border-color:rgb(214, 224, 232) }
```

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

Here you see how a box with a 4 pixel rgb(214, 224, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 224, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 224, 232); box-shadow:4px 4px 4px 4px rgb(214, 224, 232) }
```

Background

The CSS property to change the background color of an element to RGB 214, 224, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(214, 224, 232) }
```

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

```
.background{ background-color:rgb(214,
224, 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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