

Converting Colors

RGB(200, 215, 226)

Have a look what the booklet for
RGB(200, 215, 226) contains.

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Color

RGB(200, 215, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7E2
RGB	200, 215, 226
RGB Percent	78%, 84%, 89%
CMY	0.2157, 0.1569, 0.1137
CMYK	0.12, 0.05, 0.00, 0.11
HSL	205°, 31%, 84%
HSV	205°, 12%, 89%
XYZ	61.8473, 66.3712, 81.5027
YIQ	211.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

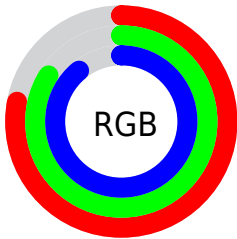
Format	Color
R _Y B	200, 210, 226
Decimal	13162466
CIE Lab	85.19, -2.87, -7.14
CIE LCh	85, 7.691, 248.101
Yxy	66.3712, 0.2949, 0.3165
Android (android.graphics.Color)	4291352546 (0xFFC8D7E2)
YUV	211.7690, 7.0159, -10.3214
Hunter-Lab	81.4685, -7.0606, -2.2869

Details

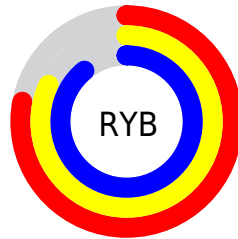
The RGB color **200, 215, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 211, 200**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 160, 171** is the 20% darker color. If you saturate the color by 10%, you get **177, 205, 226**, and if you desaturate by 10%, it is **223, 225, 226**.

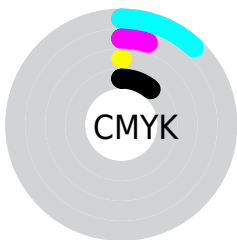
Distribution



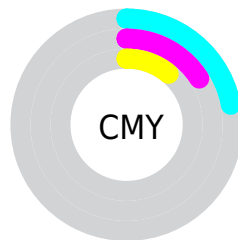
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 215, 226 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 200, 215, 226 by changing the saturation by 10% instead.

■ 200, 215, 226

255, 255, 255

■ 200, 215, 226

■ 173, 187, 198

■ 146, 160, 171

■ 120, 134, 144

■ 95, 109, 119

■ 71, 85, 94

■ 48, 61, 70

■ 27, 40, 48

■ 3, 19, 27

■ 0, 0, 0

■ 200, 215, 226

■ 200, 215, 226

■ 177, 205, 226

■ 223, 225, 226

■ 155, 196, 226

■ 245, 234, 226

■ 132, 186, 226

■ 255, 244, 226

■ 110, 177, 226

■ 255, 253, 226

■ 87, 167, 226

■ 255, 255, 226

■ 64, 158, 226

■ 42, 148, 226

■ 19, 139, 226

■ 0, 130, 226

Harmonies

Analogous

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



196, 217, 221



200, 215, 226



208, 213, 227

Triad

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



200, 215, 226



228, 208, 211



208, 215, 201

Complementary

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



200, 215, 226



226, 211, 200

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.



217, 213, 198



200, 215, 226



228, 209, 204

Square

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



200, 215, 226



224, 209, 218



224, 211, 199



201, 217, 207

Rectangle

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



200, 215, 226



214, 211, 226



224, 211, 199



211, 214, 200

Sweetspot

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



200, 215, 226



247, 252, 255



200, 226, 211



122, 125, 128



0, 0, 0



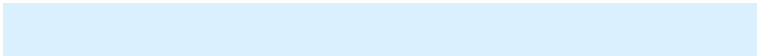
128, 128, 128

Same Dimension

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



200, 215, 226



219, 240, 255



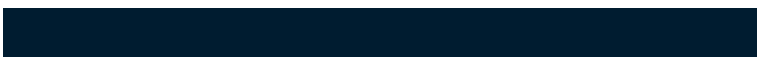
200, 202, 226



101, 107, 112



0, 102, 176



0, 28, 48

Inverse Universe

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



226, 200, 215



255, 219, 240



226, 224, 200



112, 101, 107



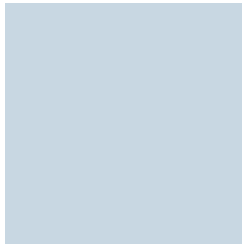
176, 0, 102



48, 0, 28

Previews

White Background



This preview shows how the RGB color 200, 215, 226 looks on a white background.

Color Contrast Check

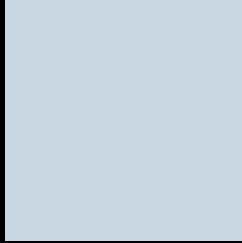
Large Text (above 18pt) WCAG AA × Fail

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 200, 215, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

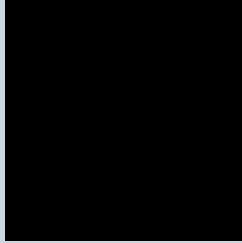
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

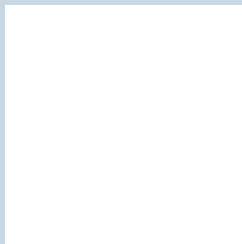
Any Text WCAG AAA ✓ Pass

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

RGB 200, 215, 226 Background



This preview shows how black text looks on a background with the RGB color 200, 215, 226.



This preview shows how white text looks on a background with the RGB color 200, 215, 226.

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](#).

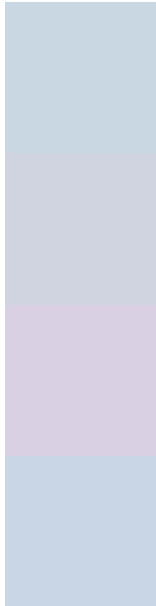
Dichromacy





Tritanopia
201, 214, 231

Trichromacy



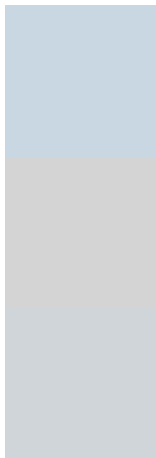
Original Color
200, 215, 226

Protanomaly
208, 212, 225

Deuteranomaly
217, 209, 227

Tritanomaly
201, 214, 229

Monochromacy



Original Color
200, 215, 226

Achromatopsia
212, 212, 212

Achromatomaly
208, 213, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 215, 226 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(200, 215, 226) looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 226)  
}
```

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(200, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 226) }
```

Border

The CSS property to change the border of an element to RGB 200, 215, 226 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(200, 215, 226) }
```

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

```
.border{ border-color:rgb(200, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 200, 215, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 226) }
```

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

```
.background{ background-color: rgb(200,  
215, 226) }
```

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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