

Converting Colors

RGB(202, 233, 224)

Have a look what the booklet for
RGB(202, 233, 224) contains.

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Color

RGB(202, 233, 224)

Conversions

Conversions Part 1

Format	Color
Hex	CAE9E0
RGB	202, 233, 224
RGB Percent	79%, 91%, 88%
CMY	0.2078, 0.0863, 0.1216
CMYK	0.13, 0.00, 0.04, 0.09
HSL	163°, 41%, 85%
HSV	163°, 13%, 91%
XYZ	66.9506, 76.2162, 81.7035
YIQ	222.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

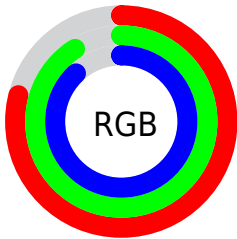
Format	Color
R _Y B	202, 220, 233
Decimal	13298144
CIE Lab	89.96, -11.84, 0.95
CIE LCh	90, 11.881, 175.432
Yxy	76.2162, 0.2977, 0.3389
Android (android.graphics.Color)	4291488224 (0xFFCAE9E0)
YUV	222.7050, 0.6384, -18.1583
Hunter-Lab	87.3019, -15.8892, 5.6234

Details

The RGB color **202, 233, 224** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **233, 202, 211**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **148, 177, 169** is the 20% darker color. If you saturate the color by 10%, you get **179, 233, 217**, and if you desaturate by 10%, it is **225, 233, 231**.

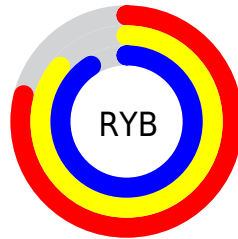
Distribution



Red (79%)

Green (91%)

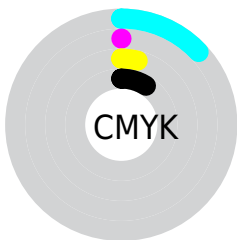
Blue (88%)



Red (79%)

Yellow (86%)

Blue (91%)

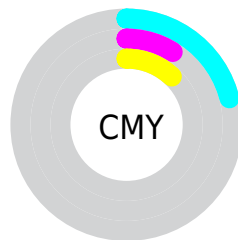


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (21%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 233, 224 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 202, 233, 224 by changing the saturation by 10% instead.

■ 202, 233, 224

255, 255, 255

■ 202, 233, 224

■ 174, 205, 196

■ 148, 177, 169

■ 122, 151, 142

■ 97, 125, 117

■ 72, 100, 92

■ 49, 76, 69

■ 27, 53, 47

■ 5, 32, 26

■ 0, 0, 0

 202, 233, 224

 202, 233, 224

 179, 233, 217

 225, 233, 231

 155, 233, 210

 249, 233, 238

 132, 233, 204

 255, 233, 244

 109, 233, 197

 255, 233, 251

 86, 233, 190

 255, 233, 255

 62, 233, 183

 39, 233, 177

 16, 233, 170

 0, 233, 165

Harmonies

Analogous

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



212, 231, 213



202, 233, 224



198, 233, 236

Triad

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



202, 233, 224



227, 224, 247



247, 221, 208

Complementary

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



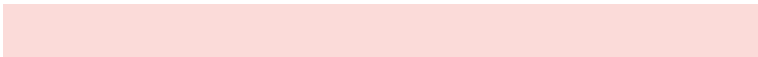
202, 233, 224



233, 202, 211

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.



251, 219, 217



202, 233, 224



240, 221, 239

Square

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



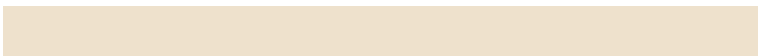
202, 233, 224



212, 228, 249



249, 219, 228



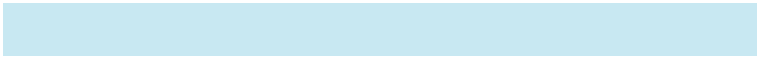
238, 225, 204

Rectangle

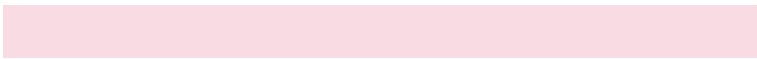
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



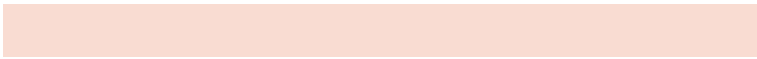
202, 233, 224



200, 232, 242



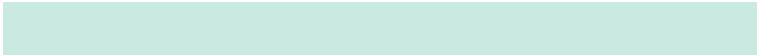
249, 219, 228



249, 220, 210

Sweetspot

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



202, 233, 224



245, 255, 252



211, 233, 202



121, 128, 126



0, 0, 0



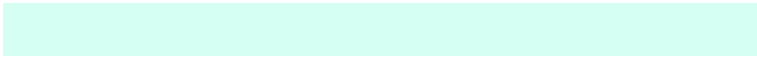
128, 128, 128

Same Dimension

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



202, 233, 224



214, 255, 243



202, 227, 233



106, 117, 114



0, 181, 128



0, 54, 38

Inverse Universe

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



233, 202, 211



255, 214, 226



233, 208, 202



117, 106, 109



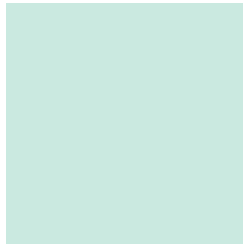
181, 0, 53



54, 0, 16

Previews

White Background



This preview shows how the RGB color 202, 233, 224 looks on a white background.

Color Contrast Check

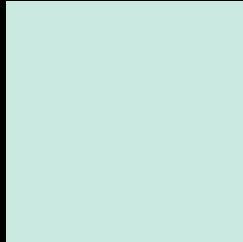
Large Text (above 18pt) WCAG AA × Fail

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 202, 233, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

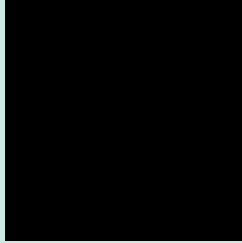
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

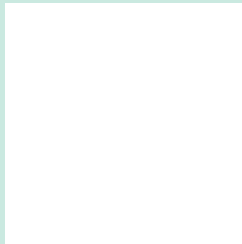
Any Text WCAG AAA ✓ Pass

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

RGB 202, 233, 224 Background



This preview shows how black text looks on a background with the RGB color 202, 233, 224.



This preview shows how white text looks on a background with the RGB color 202, 233, 224.

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](#).

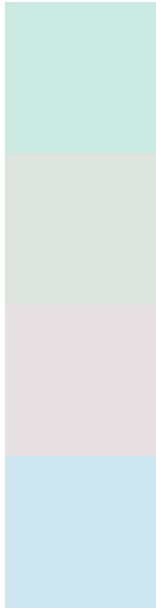
Dichromacy





Tritanopia
206, 229, 248

Trichromacy



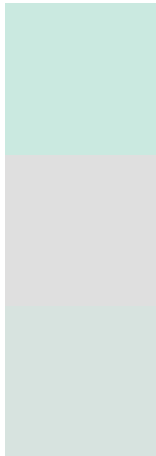
Original Color
202, 233, 224

Protanomaly
220, 228, 221

Deuteranomaly
231, 224, 226

Tritanomaly
205, 230, 239

Monochromacy



Original Color
202, 233, 224

Achromatopsia
223, 223, 223

Achromatomaly
215, 227, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 233, 224 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(202, 233, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 233, 224)  
}
```

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(202, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 233, 224) }
```

Border

The CSS property to change the border of an element to RGB 202, 233, 224 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(202, 233, 224) }
```

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

```
.border{ border-color:rgb(202, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 233,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 202, 233, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 233, 224) }
```

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

```
.background{ background-color: rgb(202,  
233, 224) }
```

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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