

Converting Colors

RGB(200, 240, 232)

Have a look what the booklet for
RGB(200, 240, 232) contains.

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Color

RGB(200, 240, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C8F0E8
RGB	200, 240, 232
RGB Percent	78%, 94%, 91%
CMY	0.2157, 0.0588, 0.0902
CMYK	0.17, 0.00, 0.03, 0.06
HSL	168°, 57%, 86%
HSV	168°, 17%, 94%
XYZ	69.5450, 80.4257, 88.2022
YIQ	227.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

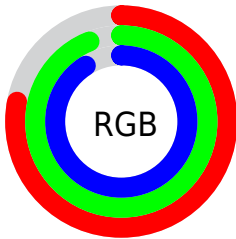
Format	Color
R _{YB}	200, 222, 240
Decimal	13168872
CIE _{Lab}	91.88, -14.43, -0.45
CIE _{LCh}	92, 14.435, 181.773
Y _{xy}	80.4257, 0.2920, 0.3377
Android (android.graphics.Color)	4291358952 (0xFFC8F0E8)
Y _{UV}	227.1280, 2.4019, -23.7913
Hunter-Lab	89.6804, -18.5182, 4.4635

Details

The RGB color **200, 240, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 200, 208**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 184, 176** is the 20% darker color. If you saturate the color by 10%, you get **176, 240, 227**, and if you desaturate by 10%, it is **224, 240, 237**.

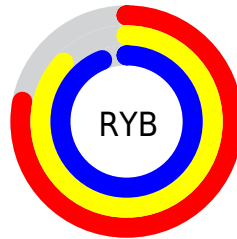
Distribution



Red (78%)

Green (94%)

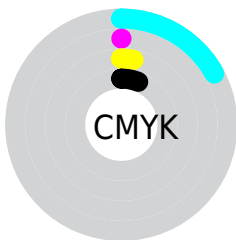
Blue (91%)



Red (78%)

Yellow (87%)

Blue (94%)

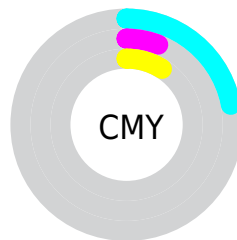


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 240, 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 200, 240, 232 by changing the saturation by 10% instead.

■ 200, 240, 232

255, 255, 255

■ 200, 240, 232

■ 172, 212, 204

■ 146, 184, 176

■ 119, 157, 150

■ 94, 131, 124

■ 70, 106, 99

■ 46, 81, 75

■ 23, 58, 53

■ 0, 36, 32

■ 0, 13, 8

 200, 240, 232

 200, 240, 232

 176, 240, 227

 224, 240, 237

 152, 240, 222

 248, 240, 242

 128, 240, 218

 255, 240, 246

 104, 240, 213

 255, 240, 251

 80, 240, 208

 255, 240, 255

 56, 240, 203

 32, 240, 198

 8, 240, 194

 0, 240, 192

Harmonies

Analogous

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



211, 239, 218



200, 240, 232



197, 239, 246

Triad

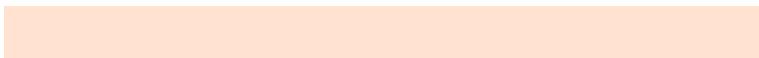
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200, 240, 232



236, 228, 255



255, 226, 208

Complementary

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



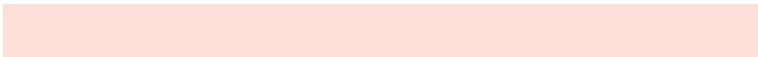
200, 240, 232



240, 200, 208

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.



255, 223, 218



200, 240, 232



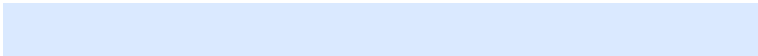
251, 224, 245

Square

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



200, 240, 232



218, 233, 255



255, 222, 231



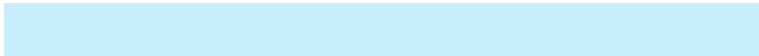
242, 231, 204

Rectangle

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



200, 240, 232



200, 238, 253



255, 222, 231



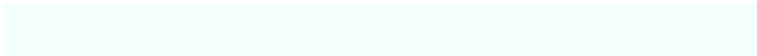
255, 225, 210

Sweetspot

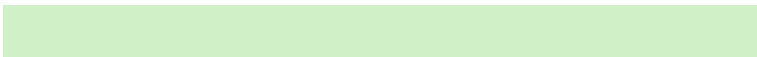
The Sweet Spot groups the original color and five complimentary colors.



200, 240, 232



242, 255, 252



208, 240, 200



120, 128, 126



0, 0, 0



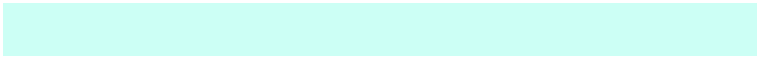
128, 128, 128

Same Dimension

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



200, 240, 232



204, 255, 245



200, 228, 240



108, 120, 117



0, 184, 147



0, 56, 45

Inverse Universe

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



240, 200, 208



255, 204, 214



240, 212, 200



120, 108, 110



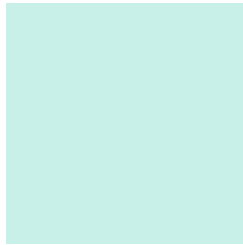
184, 0, 37



56, 0, 11

Previews

White Background



This preview shows how the RGB color 200, 240, 232 looks on a white background.

Color Contrast Check

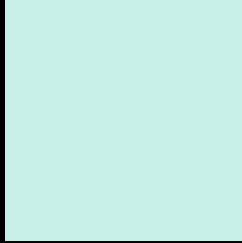
Large Text (above 18pt) WCAG AA × Fail

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 200, 240, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

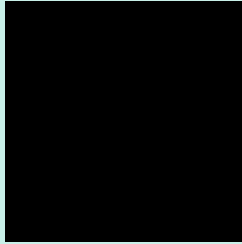
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

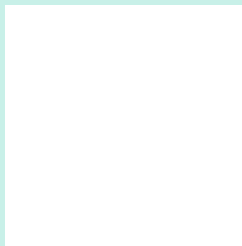
Any Text WCAG AAA ✓ Pass

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

RGB 200, 240, 232 Background



This preview shows how black text looks on a background with the RGB color 200, 240, 232.



This preview shows how white text looks on a background with the RGB color 200, 240, 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





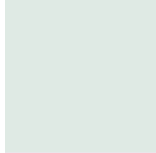
Tritanopia
205, 236, 255

Trichromacy



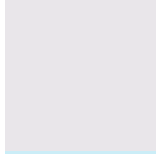
Original Color

200, 240, 232



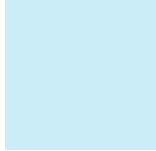
Protanomaly

223, 234, 228



Deuteranomaly

233, 230, 234



Tritanomaly

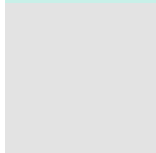
203, 237, 247

Monochromacy



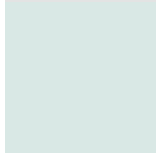
Original Color

200, 240, 232



Achromatopsia

227, 227, 227



Achromatomaly

217, 232, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 240, 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(200, 240, 232)` looks like.

```
.text, #text, p{  
    color:rgb(200, 240, 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(200, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 240, 232) }
```

Border

The CSS property to change the border of an element to RGB 200, 240, 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(200, 240, 232) }
```

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

```
.border{ border-color:rgb(200, 240, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 240, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(200, 240,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 200, 240, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 240, 232) }
```

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

```
.background{ background-color: rgb(200,  
240, 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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