

Converting Colors

RGB(200, 229, 232)

Have a look what the booklet for
RGB(200, 229, 232) contains.

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Color

RGB(200, 229, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C8E5E8
RGB	200, 229, 232
RGB Percent	78%, 90%, 91%
CMY	0.2157, 0.1020, 0.0902
CMYK	0.14, 0.01, 0.00, 0.09
HSL	186°, 41%, 85%
HSV	186°, 14%, 91%
XYZ	66.4042, 74.1442, 87.1553
YIQ	220.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

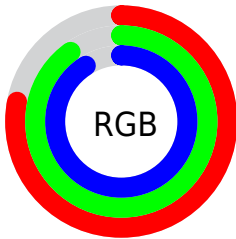
Format	Color
R _{YB}	200, 215, 232
Decimal	13166056
CIE Lab	88.99, -8.88, -4.68
CIE LCh	89, 10.038, 207.791
Yxy	74.1442, 0.2916, 0.3256
Android (android.graphics.Color)	4291356136 (0xFFC8E5E8)
YUV	220.6710, 5.5852, -18.1285
Hunter-Lab	86.1070, -13.0312, 0.2631

Details

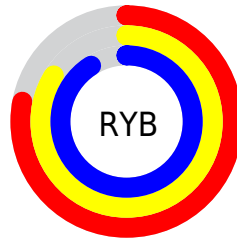
The RGB color **200, 229, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 203, 200**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 174, 176** is the 20% darker color. If you saturate the color by 10%, you get **177, 227, 232**, and if you desaturate by 10%, it is **223, 231, 232**.

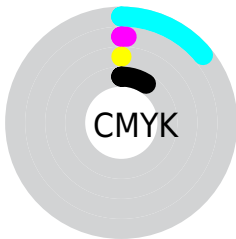
Distribution



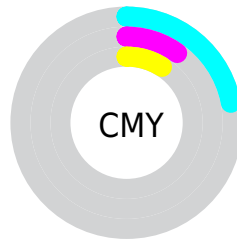
- Red (78%)
- Green (90%)
- Blue (91%)



- Red (78%)
- Yellow (84%)
- Blue (91%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 229, 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, 229, 232 by changing the saturation by 10% instead.

■ 200, 229, 232

255, 255, 255

■ 200, 229, 232

■ 172, 201, 204

■ 146, 174, 176

■ 120, 147, 150

■ 95, 121, 124

■ 70, 96, 99

■ 47, 73, 75

■ 25, 50, 53

■ 3, 29, 31

■ 0, 0, 7

 200, 229, 232

 200, 229, 232

 177, 227, 232

 223, 231, 232

 154, 225, 232

 246, 233, 232

 130, 222, 232

 255, 236, 232

 107, 220, 232

 255, 238, 232

 84, 218, 232

 255, 240, 232

 61, 216, 232

 255, 242, 232

 38, 214, 232

 255, 244, 232

 14, 212, 232

 255, 246, 232

 0, 210, 232

 255, 249, 232

Harmonies

Analogous

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



203, 229, 222



200, 229, 232



204, 227, 239

Triad

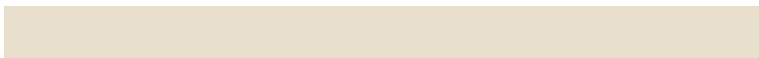
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200, 229, 232



236, 219, 234



232, 223, 205

Complementary

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



200, 229, 232



232, 203, 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.



241, 220, 208



200, 229, 232



243, 217, 225

Square

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



200, 229, 232



225, 221, 240



245, 218, 215



222, 226, 207

Rectangle

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



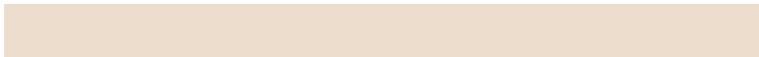
200, 229, 232



209, 226, 242



245, 218, 215



236, 221, 205

Sweetspot

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



200, 229, 232



245, 254, 255



200, 232, 203



121, 127, 128



0, 0, 0



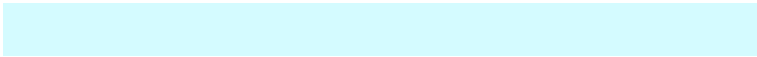
128, 128, 128

Same Dimension

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



200, 229, 232



212, 251, 255



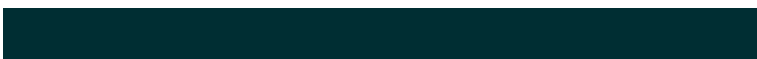
200, 213, 232



103, 114, 115



0, 162, 179



0, 46, 51

Inverse Universe

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



232, 200, 229



255, 212, 251



232, 219, 200



115, 103, 114



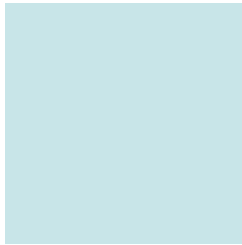
179, 0, 162



51, 0, 46

Previews

White Background



This preview shows how the RGB color 200, 229, 232 looks on a white background.

Color Contrast Check

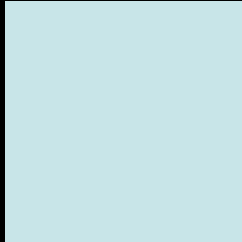
Large Text (above 18pt) WCAG AA × Fail

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, 229, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

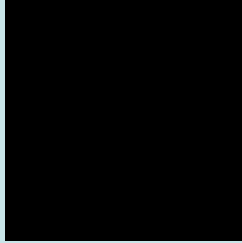
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

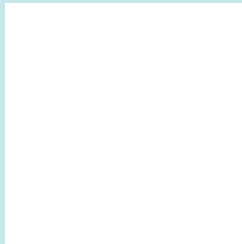
Any Text WCAG AAA ✓ Pass

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

RGB 200, 229, 232 Background



This preview shows how black text looks on a background with the RGB color 200, 229, 232.



This preview shows how white text looks on a background with the RGB color 200, 229, 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
202, 227, 245

Trichromacy



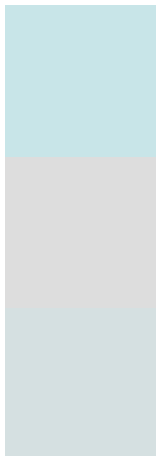
Original Color
200, 229, 232

Protanomaly
217, 225, 229

Deuteranomaly
225, 221, 234

Tritanomaly
201, 228, 240

Monochromacy



Original Color
200, 229, 232

Achromatopsia
221, 221, 221

Achromatomaly
213, 224, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 229, 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, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(200, 229, 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, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 229, 232) }
```

Border

The CSS property to change the border of an element to RGB 200, 229, 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, 229, 232) }
```

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

```
.border{ border-color:rgb(200, 229, 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, 229, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(200, 229,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 200, 229, 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, 229, 232) }
```

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

```
.background{ background-color: rgb(200,  
229, 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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