

Converting Colors

RGB(209, 235, 232)

Have a look what the booklet for
RGB(209, 235, 232) contains.

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Color

RGB(209, 235, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D1EBE8
RGB	209, 235, 232
RGB Percent	82%, 92%, 91%
CMY	0.1804, 0.0784, 0.0902
CMYK	0.11, 0.00, 0.01, 0.08
HSL	173°, 39%, 87%
HSV	173°, 11%, 92%
XYZ	70.5683, 78.7982, 87.8342
YIQ	226.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

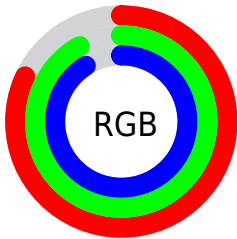
Format	Color
R _Y B	209, 223, 235
Decimal	13757416
CIE Lab	91.14, -9.07, -1.45
CIE LCh	91, 9.186, 189.083
Yxy	78.7982, 0.2975, 0.3322
Android (android.graphics.Color)	4291947496 (0xFFD1EBE8)
YUV	226.8840, 2.5222, -15.6843
Hunter-Lab	88.7683, -13.4421, 3.4718

Details

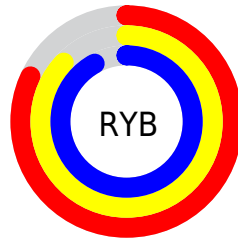
The RGB color **209, 235, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 209, 212**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 179, 176** is the 20% darker color. If you saturate the color by 10%, you get **186, 235, 229**, and if you desaturate by 10%, it is **233, 235, 235**.

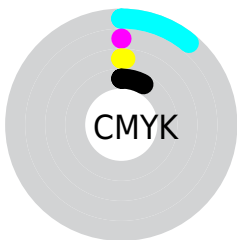
Distribution



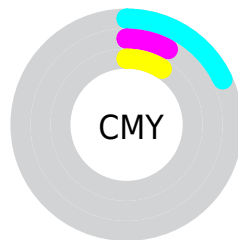
- Red (82%)
- Green (92%)
- Blue (91%)



- Red (82%)
- Yellow (87%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 235, 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 209, 235, 232 by changing the saturation by 10% instead.

■ 209, 235, 232

255, 255, 255

■ 209, 235, 232

■ 181, 207, 204

■ 154, 179, 176

■ 128, 152, 150

■ 103, 127, 124

■ 79, 102, 99

■ 55, 78, 75

■ 33, 55, 53

■ 12, 33, 32

■ 0, 8, 7

 209, 235, 232

 209, 235, 232

 186, 235, 229

 233, 235, 235

 162, 235, 227

 255, 235, 237

 139, 235, 224

 255, 235, 240

 115, 235, 221

 255, 235, 243

 92, 235, 218

 255, 235, 246

 68, 235, 216

 255, 235, 248

 45, 235, 213

 255, 235, 251

 21, 235, 210

 255, 235, 254

 0, 235, 208

 255, 235, 255

Harmonies

Analogous

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



215, 234, 223



209, 235, 232



209, 234, 240

Triad

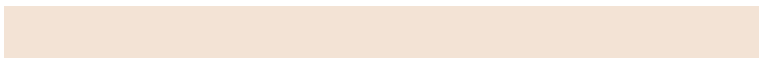
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 235, 232



235, 227, 243



243, 227, 213

Complementary

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



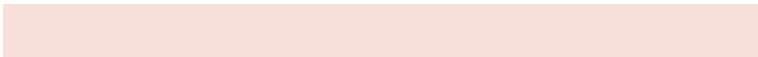
209, 235, 232



235, 209, 212

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.



248, 225, 219



209, 235, 232



244, 224, 236

Square

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



209, 235, 232



224, 229, 247



249, 224, 227



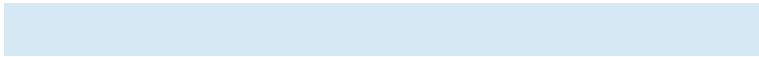
234, 230, 212

Rectangle

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



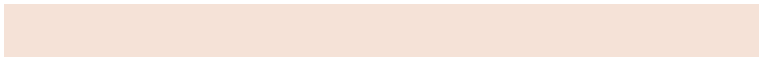
209, 235, 232



212, 233, 244



249, 224, 227



245, 226, 215

Sweetspot

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



209, 235, 232



247, 255, 254



212, 235, 209



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



209, 235, 232



222, 255, 251



209, 225, 235



106, 117, 116



0, 181, 160



0, 54, 47

Inverse Universe

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



235, 209, 212



255, 222, 226



235, 219, 209



117, 106, 107



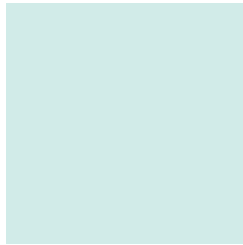
181, 0, 21



54, 0, 6

Previews

White Background



This preview shows how the RGB color 209, 235, 232 looks on a white background.

Color Contrast Check

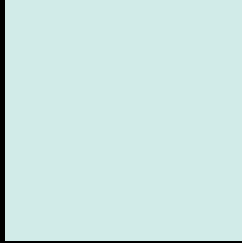
Large Text (above 18pt) WCAG AA × Fail

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 209, 235, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

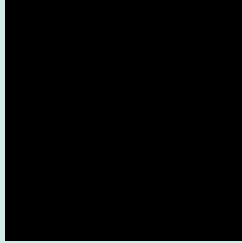
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

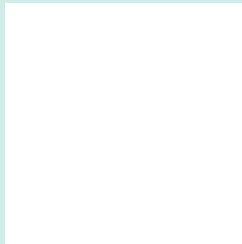
Any Text WCAG AAA ✓ Pass

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

RGB 209, 235, 232 Background



This preview shows how black text looks on a background with the RGB color 209, 235, 232.



This preview shows how white text looks on a background with the RGB color 209, 235, 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](#).

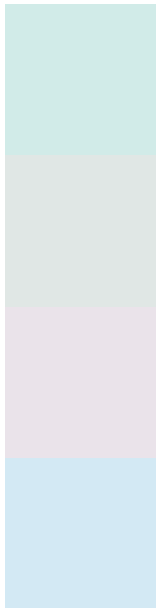
Dichromacy





Tritanopia
212, 232, 251

Trichromacy



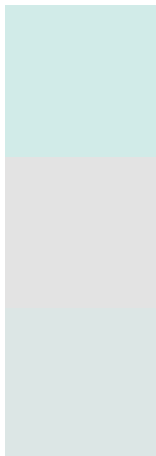
Original Color
209, 235, 232

Protanomaly
224, 231, 229

Deuteranomaly
234, 227, 234

Tritanomaly
211, 233, 244

Monochromacy



Original Color
209, 235, 232

Achromatopsia
227, 227, 227

Achromatomaly
220, 230, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 235, 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(209, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(209, 235, 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(209, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 235, 232) }
```

Border

The CSS property to change the border of an element to RGB 209, 235, 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(209, 235, 232) }
```

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

```
.border{ border-color:rgb(209, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(209, 235,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 209, 235, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 235, 232) }
```

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

```
.background{ background-color: rgb(209,  
235, 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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