

Converting Colors

RGB(209, 228, 227)

Have a look what the booklet for
RGB(209, 228, 227) contains.

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Color

RGB(209, 228, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D1E4E3
RGB	209, 228, 227
RGB Percent	82%, 89%, 89%
CMY	0.1804, 0.1059, 0.1098
CMYK	0.08, 0.00, 0.00, 0.11
HSL	177°, 26%, 86%
HSV	177°, 8%, 89%
XYZ	67.9030, 74.5882, 83.4911
YIQ	222.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

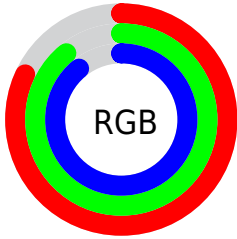
Format	Color
R _Y B	209, 219, 228
Decimal	13755619
CIE Lab	89.20, -6.47, -1.68
CIE LCh	89, 6.683, 194.557
Yxy	74.5882, 0.3005, 0.3301
Android (android.graphics.Color)	4291945699 (0xFFD1E4E3)
YUV	222.2050, 2.3639, -11.5808
Hunter-Lab	86.3644, -10.7942, 3.1377

Details

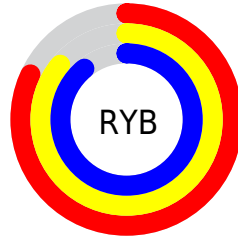
The RGB color **209, 228, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 209, 210**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 173, 172** is the 20% darker color. If you saturate the color by 10%, you get **186, 228, 226**, and if you desaturate by 10%, it is **232, 228, 228**.

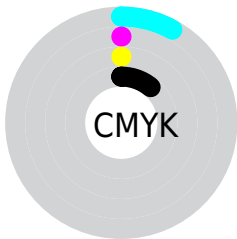
Distribution



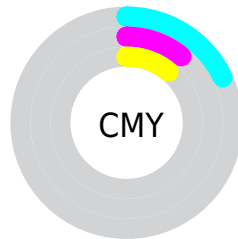
- Red (82%)
- Green (89%)
- Blue (89%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



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



- Cyan (18%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 228, 227 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, 228, 227 by changing the saturation by 10% instead.

■ 209, 228, 227

255, 255, 255

■ 209, 228, 227

■ 181, 200, 199

■ 154, 173, 172

■ 128, 146, 145

■ 103, 120, 120

■ 79, 96, 95

■ 56, 72, 71

■ 34, 49, 49

■ 14, 28, 28

■ 0, 0, 1

 209, 228, 227


 209, 228, 227

 186, 228, 226

 232, 228, 228

 163, 228, 225

 255, 228, 229

 141, 228, 223

 255, 228, 231

 118, 228, 222

 255, 228, 232

 95, 228, 221

 255, 228, 233

 72, 228, 220

 255, 228, 234

 49, 228, 219

 255, 228, 235

 27, 228, 217

 255, 228, 237

 4, 228, 216

 255, 228, 238

Harmonies

Analogous

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



212, 228, 220



209, 228, 227



210, 227, 233

Triad

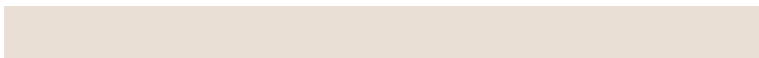
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 228, 227



229, 222, 233



233, 223, 212

Complementary

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



209, 228, 227



228, 209, 210

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.



237, 221, 215



209, 228, 227



235, 220, 228

Square

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



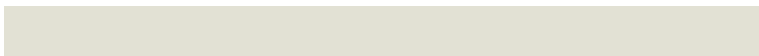
209, 228, 227



221, 224, 236



238, 220, 221



226, 225, 212

Rectangle

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



209, 228, 227



212, 226, 235



238, 220, 221



235, 222, 213

Sweetspot

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



209, 228, 227



247, 255, 255



210, 228, 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, 228, 227



230, 255, 254



209, 220, 228



103, 115, 114



0, 179, 169



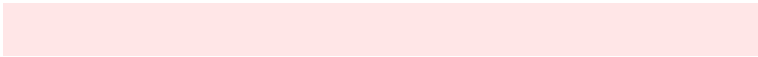
0, 51, 48

Inverse Universe

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



228, 209, 210



255, 230, 231



228, 217, 209



115, 103, 104



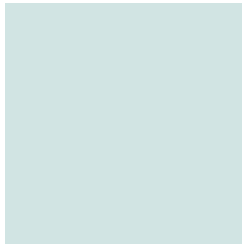
179, 0, 9



51, 0, 3

Previews

White Background



This preview shows how the RGB color 209, 228, 227 looks on a white background.

Color Contrast Check

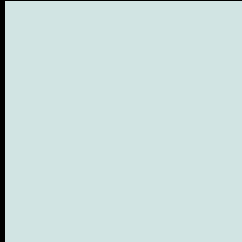
Large Text (above 18pt) WCAG AA × Fail

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, 228, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

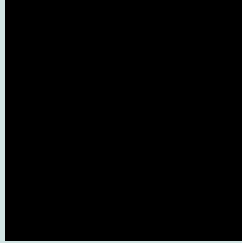
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

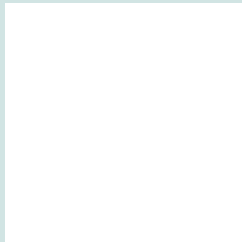
Any Text WCAG AAA ✓ Pass

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

RGB 209, 228, 227 Background



This preview shows how black text looks on a background with the RGB color 209, 228, 227.



This preview shows how white text looks on a background with the RGB color 209, 228, 227.

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](#).

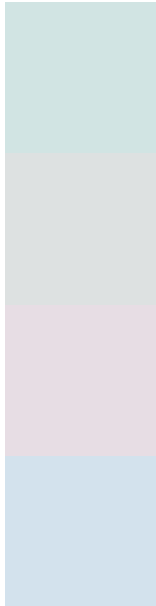
Dichromacy





Tritanopia
212, 225, 243

Trichromacy



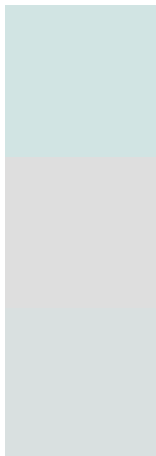
Original Color
209, 228, 227

Protanomaly
221, 225, 225

Deuteranomaly
231, 221, 228

Tritanomaly
211, 226, 237

Monochromacy



Original Color
209, 228, 227

Achromatopsia
222, 222, 222

Achromatomaly
217, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 228, 227 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, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 227)  
}
```

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, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 227) }
```

Border

The CSS property to change the border of an element to RGB 209, 228, 227 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, 228, 227) }
```

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

```
.border{ border-color:rgb(209, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(209, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 209, 228, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 227) }
```

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

```
.background{ background-color: rgb(209,  
228, 227) }
```

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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