

Converting Colors

RGB(210, 235, 228)

Have a look what the booklet for
RGB(210, 235, 228) contains.

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Color

RGB(210, 235, 228)

Conversions

Conversions Part 1

Format	Color
Hex	D2EBE4
RGB	210, 235, 228
RGB Percent	82%, 92%, 89%
CMY	0.1765, 0.0784, 0.1059
CMYK	0.11, 0.00, 0.03, 0.08
HSL	163°, 38%, 87%
HSV	163°, 11%, 92%
XYZ	70.2903, 78.7197, 84.8885
YIQ	226.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

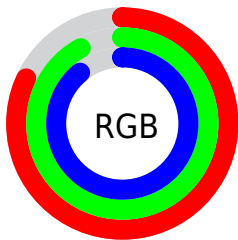
Format	Color
R_{YB}	210, 225, 235
Decimal	13822948
CIE Lab	91.11, -9.51, 0.59
CIE LCh	91, 9.531, 176.429
Yxy	78.7197, 0.3005, 0.3366
Android (android.graphics.Color)	4292013028 (0xFFD2EBE4)
YUV	226.7270, 0.6276, -14.6696
Hunter-Lab	88.7241, -13.8535, 5.3801

Details

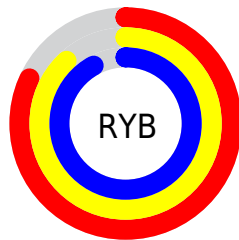
The RGB color **210, 235, 228** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 210, 217**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 179, 173** is the 20% darker color. If you saturate the color by 10%, you get **187, 235, 221**, and if you desaturate by 10%, it is **234, 235, 235**.

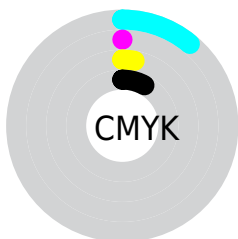
Distribution



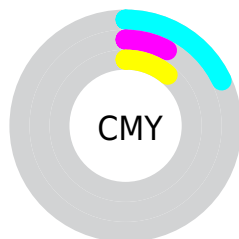
- Red (82%)
- Green (92%)
- Blue (89%)



- Red (82%)
- Yellow (88%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 235, 228 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 210, 235, 228 by changing the saturation by 10% instead.

■ 210, 235, 228

255, 255, 255

■ 210, 235, 228

■ 182, 207, 200

■ 155, 179, 173

■ 129, 152, 146

■ 104, 127, 120

■ 80, 101, 96

■ 56, 77, 72

■ 34, 55, 50

■ 13, 33, 29

■ 0, 8, 2

 210, 235, 228

 210, 235, 228

 187, 235, 221

 234, 235, 235

 163, 235, 215

 255, 235, 241

 139, 235, 208

 255, 235, 248

 116, 235, 202

 255, 235, 254

 93, 235, 195

 255, 235, 255

 69, 235, 189

 46, 235, 182

 22, 235, 175

 0, 235, 169

Harmonies

Analogous

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



218, 234, 219



210, 235, 228



207, 235, 237

Triad

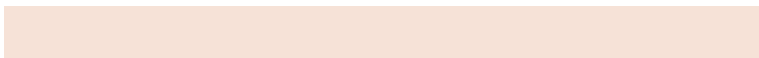
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 235, 228



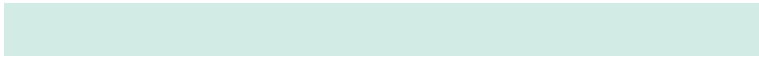
230, 228, 246



246, 226, 215

Complementary

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



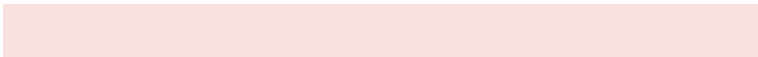
210, 235, 228



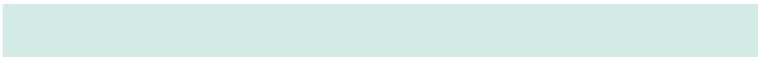
235, 210, 217

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.



250, 224, 222



210, 235, 228



241, 225, 240

Square

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



210, 235, 228



219, 231, 247



248, 224, 231



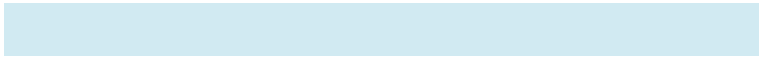
239, 228, 211

Rectangle

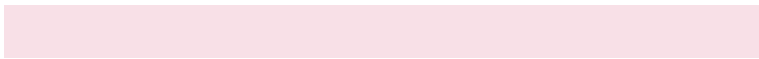
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



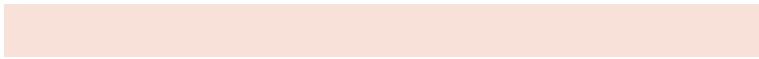
210, 235, 228



209, 234, 242



248, 224, 231



248, 225, 217

Sweetspot

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



210, 235, 228



247, 255, 253



217, 235, 210



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



210, 235, 228



222, 255, 246



210, 230, 235



106, 117, 114



0, 181, 130



0, 54, 39

Inverse Universe

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



235, 210, 217



255, 222, 231



235, 215, 210



117, 106, 109



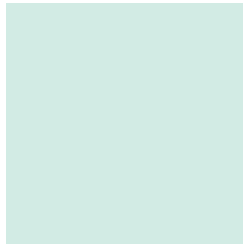
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 210, 235, 228 looks on a white background.

Color Contrast Check

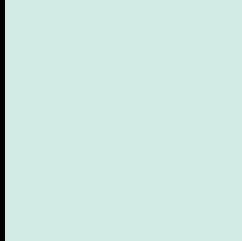
Large Text (above 18pt) WCAG AA × Fail

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 210, 235, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

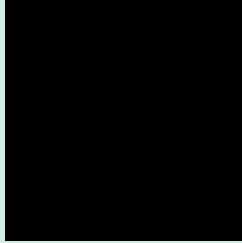
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

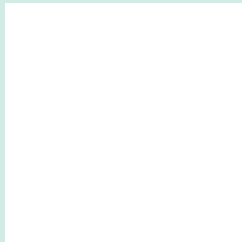
Any Text WCAG AAA ✓ Pass

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

RGB 210, 235, 228 Background



This preview shows how black text looks on a background with the RGB color 210, 235, 228.

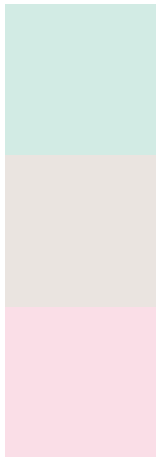


This preview shows how white text looks on a background with the RGB color 210, 235, 228.

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



Original Color
210, 235, 228

Protanopia
234, 228, 224

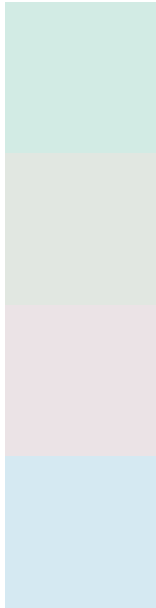
Deuteranopia
250, 222, 231



Tritanopia

214, 232, 250

Trichromacy



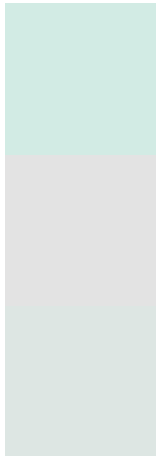
Original Color
210, 235, 228

Protanomaly
225, 231, 225

Deuteranomaly
235, 227, 230

Tritanomaly
213, 233, 242

Monochromacy



Original Color
210, 235, 228

Achromatopsia
227, 227, 227

Achromatomaly
221, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 235, 228 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(210, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 228)  
}
```

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(210, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 228) }
```

Border

The CSS property to change the border of an element to RGB 210, 235, 228 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(210, 235, 228) }
```

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

```
.border{ border-color:rgb(210, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 235,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 210, 235, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 235, 228) }
```

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

```
.background{ background-color: rgb(210,  
235, 228) }
```

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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