

Converting Colors

RGB(205, 239, 228)

Have a look what the booklet for
RGB(205, 239, 228) contains.

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Color

RGB(205, 239, 228)

Conversions

Conversions Part 1

Format	Color
Hex	CDFEF4
RGB	205, 239, 228
RGB Percent	80%, 94%, 89%
CMY	0.1961, 0.0627, 0.1059
CMYK	0.14, 0.00, 0.05, 0.06
HSL	161°, 52%, 87%
HSV	161°, 14%, 94%
XYZ	70.0469, 80.3136, 85.2090
YIQ	227.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

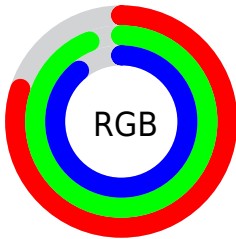
Format	Color
R_{YB}	205, 225, 239
Decimal	13496292
CIE _{Lab}	91.83, -13.13, 1.60
CIE _{LCh}	92, 13.227, 173.051
Yxy	80.3136, 0.2974, 0.3409
Android (android.graphics.Color)	4291686372 (0xFFCDEFE4)
YUV	227.5800, 0.2071, -19.8027
Hunter-Lab	89.6178, -17.3124, 6.3593

Details

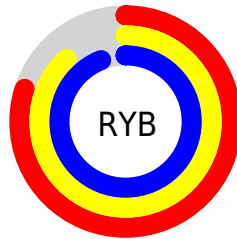
The RGB color **205, 239, 228** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 205, 216**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 183, 173** is the 20% darker color. If you saturate the color by 10%, you get **181, 239, 220**, and if you desaturate by 10%, it is **229, 239, 236**.

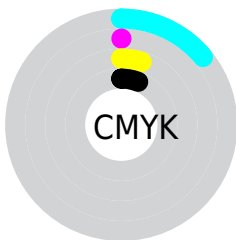
Distribution



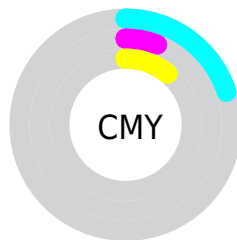
- Red (80%)
- Green (94%)
- Blue (89%)



- Red (80%)
- Yellow (88%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 239, 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 205, 239, 228 by changing the saturation by 10% instead.

■ 205, 239, 228

255, 255, 255

■ 205, 239, 228

■ 177, 211, 200

■ 150, 183, 173

■ 124, 156, 146

■ 99, 130, 120

■ 75, 105, 96

■ 51, 81, 72

■ 29, 58, 50

■ 7, 36, 29

■ 0, 12, 2

205, 239, 228

205, 239, 228

181, 239, 220

229, 239, 236

157, 239, 213

253, 239, 243

133, 239, 205

255, 239, 251

109, 239, 197

255, 239, 255

86, 239, 189

62, 239, 182

38, 239, 174

14, 239, 166

0, 239, 162

Harmonies

Analogous

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



217, 237, 216



205, 239, 228



200, 239, 241

Triad

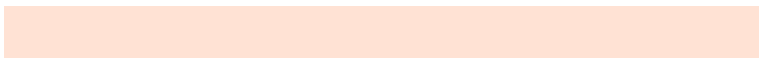
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 239, 228



231, 229, 255



255, 226, 212

Complementary

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



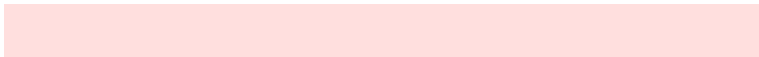
205, 239, 228



239, 205, 216

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, 222



205, 239, 228



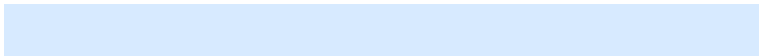
246, 225, 247

Square

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



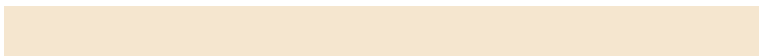
205, 239, 228



215, 234, 255



255, 223, 235



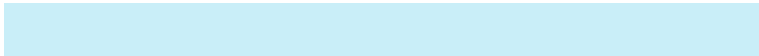
245, 230, 207

Rectangle

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



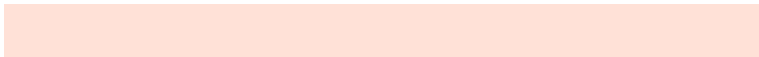
205, 239, 228



201, 238, 248



255, 223, 235



255, 225, 215

Sweetspot

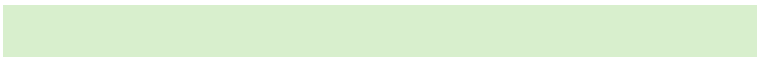
The Sweet Spot groups the original color and five complimentary colors.



205, 239, 228



245, 255, 252



216, 239, 205



121, 128, 125



0, 0, 0



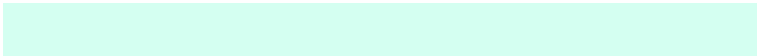
128, 128, 128

Same Dimension

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



205, 239, 228



212, 255, 241



205, 233, 239



108, 120, 116



0, 184, 124



0, 56, 38

Inverse Universe

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



239, 205, 216



255, 212, 226



239, 211, 205



120, 108, 112



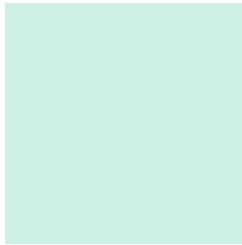
184, 0, 59



56, 0, 18

Previews

White Background



This preview shows how the RGB color 205, 239, 228 looks on a white background.

Color Contrast Check

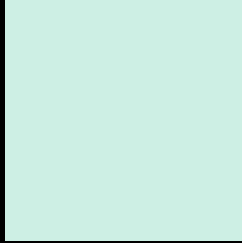
Large Text (above 18pt) WCAG AA × Fail

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 205, 239, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

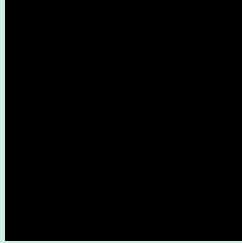
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

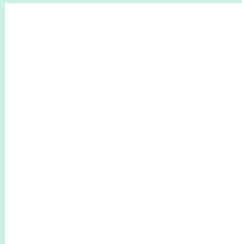
Any Text WCAG AAA ✓ Pass

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

RGB 205, 239, 228 Background



This preview shows how black text looks on a background with the RGB color 205, 239, 228.



This preview shows how white text looks on a background with the RGB color 205, 239, 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





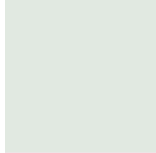
Tritanopia
210, 235, 254

Trichromacy



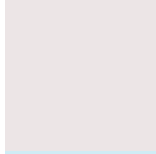
Original Color

205, 239, 228



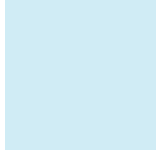
Protanomaly

225, 233, 225



Deuteranomaly

236, 229, 230



Tritanomaly

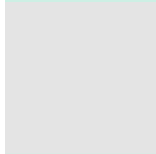
208, 236, 245

Monochromacy



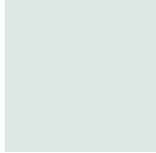
Original Color

205, 239, 228



Achromatopsia

228, 228, 228



Achromatomaly

220, 232, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 239, 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(205, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(205, 239, 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(205, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 239, 228) }
```

Border

The CSS property to change the border of an element to RGB 205, 239, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

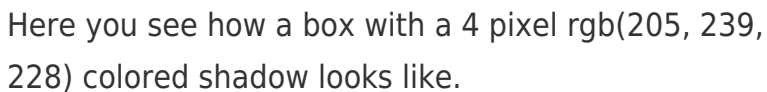
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 239, 228) }
```

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

```
.border{ border-color:rgb(205, 239, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 239, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 239, 228); box-shadow:4px 4px 4px 4px rgb(205, 239, 228) }
```

Background

The CSS property to change the background color of an element to RGB 205, 239, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 239, 228) }
```

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

```
.background{ background-color: rgb(205,  
239, 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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