

Converting Colors

RGB(206, 237, 224)

Have a look what the booklet for
RGB(206, 237, 224) contains.

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Color

RGB(206, 237, 224)

Conversions

Conversions Part 1

Format	Color
Hex	CEEDE0
RGB	206, 237, 224
RGB Percent	81%, 93%, 88%
CMY	0.1922, 0.0706, 0.1216
CMYK	0.13, 0.00, 0.05, 0.07
HSL	155°, 46%, 87%
HSV	155°, 13%, 93%
XYZ	69.1923, 79.0720, 82.1366
YIQ	226.2490, -14.3030, -10.6150

Conversions

Conversions Part 2

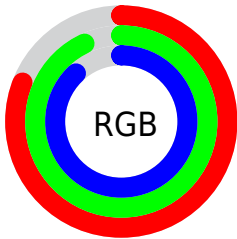
Format	Color
R_{YB}	206, 226, 237
Decimal	13561312
CIE _{Lab}	91.27, -12.57, 2.88
CIE _{LCh}	91, 12.893, 167.094
Yxy	79.0720, 0.3003, 0.3432
Android (android.graphics.Color)	4291751392 (0xFFCEEDE0)
YUV	226.2490, -1.1088, -17.7584
Hunter-Lab	88.9224, -16.7198, 7.4802

Details

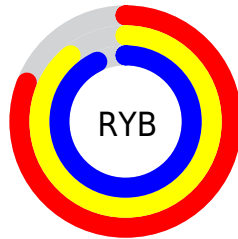
The RGB color **206, 237, 224** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 206, 219**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 181, 169** is the 20% darker color. If you saturate the color by 10%, you get **182, 237, 214**, and if you desaturate by 10%, it is **230, 237, 234**.

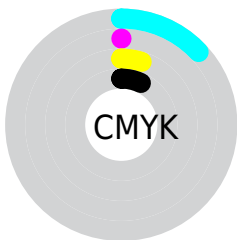
Distribution



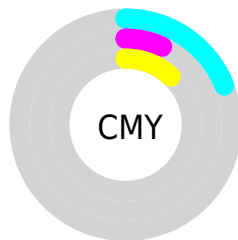
- Red (81%)
- Green (93%)
- Blue (88%)



- Red (81%)
- Yellow (89%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 237, 224 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 206, 237, 224 by changing the saturation by 10% instead.

■ 206, 237, 224

255, 255, 255

■ 206, 237, 224

■ 178, 209, 196

■ 151, 181, 169

■ 125, 154, 142

■ 100, 128, 117

■ 76, 103, 92

■ 53, 79, 69

■ 30, 56, 46

■ 9, 34, 26

■ 0, 9, 0

 206, 237, 224

 206, 237, 224

 182, 237, 214

 230, 237, 234

 159, 237, 204

 253, 237, 244

 135, 237, 194

 255, 237, 254

 111, 237, 184

 255, 237, 255

 88, 237, 174

 64, 237, 164

 40, 237, 154

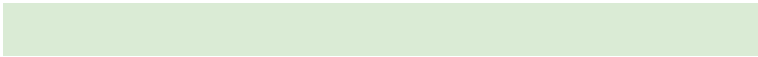
 16, 237, 144

 0, 237, 138

Harmonies

Analogous

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



218, 235, 213



206, 237, 224



199, 237, 237

Triad

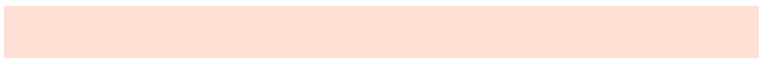
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 237, 224



226, 229, 253



254, 224, 212

Complementary

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



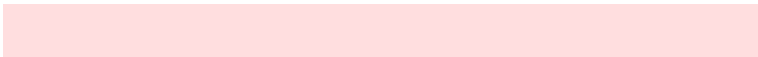
206, 237, 224



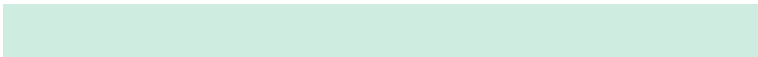
237, 206, 219

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, 222, 223



206, 237, 224



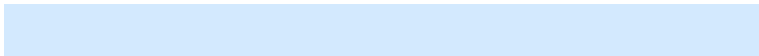
241, 225, 247

Square

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



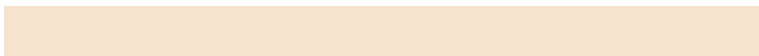
206, 237, 224



211, 233, 254



252, 222, 236



246, 227, 206

Rectangle

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



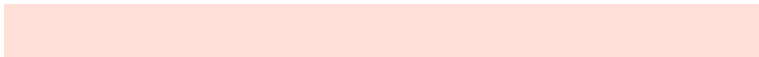
206, 237, 224



200, 237, 244



252, 222, 236



255, 223, 216

Sweetspot

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



206, 237, 224



245, 255, 251



219, 237, 206



121, 128, 125



0, 0, 0



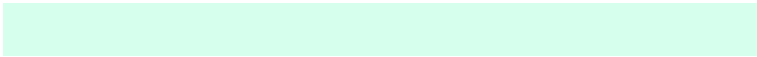
128, 128, 128

Same Dimension

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



206, 237, 224



214, 255, 238



206, 235, 237



106, 117, 112



0, 181, 105



0, 54, 31

Inverse Universe

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



237, 206, 219



255, 214, 231



237, 208, 206



117, 106, 110



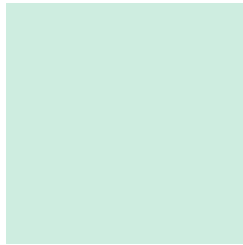
181, 0, 76



54, 0, 22

Previews

White Background



This preview shows how the RGB color 206, 237, 224 looks on a white background.

Color Contrast Check

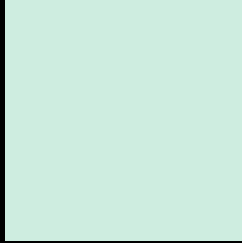
Large Text (above 18pt) WCAG AA × Fail

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 206, 237, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

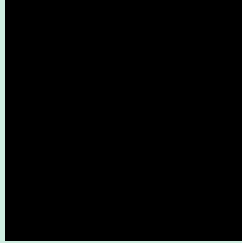
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

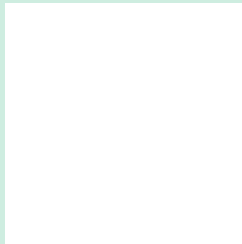
Any Text WCAG AAA ✓ Pass

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

RGB 206, 237, 224 Background



This preview shows how black text looks on a background with the RGB color 206, 237, 224.



This preview shows how white text looks on a background with the RGB color 206, 237, 224.

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](#).

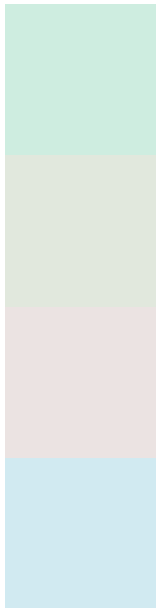
Dichromacy





Tritanopia
211, 233, 251

Trichromacy



Original Color

206, 237, 224

Protanomaly

225, 232, 221

Deuteranomaly

235, 227, 226

Tritanomaly

209, 234, 241

Monochromacy



Original Color

206, 237, 224

Achromatopsia

226, 226, 226

Achromatomaly

219, 230, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 237, 224 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(206, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(206, 237, 224)  
}
```

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(206, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 237, 224) }
```

Border

The CSS property to change the border of an element to RGB 206, 237, 224 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(206, 237, 224) }
```

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

```
.border{ border-color:rgb(206, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(206, 237,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 206, 237, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 237, 224) }
```

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

```
.background{ background-color: rgb(206,  
237, 224) }
```

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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