

Converting Colors

RGB(193, 238, 245)

Have a look what the booklet for
RGB(193, 238, 245) contains.

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Color

RGB(193, 238, 245)

Conversions

Conversions Part 1

Format	Color
Hex	C1EEF5
RGB	193, 238, 245
RGB Percent	76%, 93%, 96%
CMY	0.2431, 0.0667, 0.0392
CMYK	0.21, 0.03, 0.00, 0.04
HSL	188°, 72%, 86%
HSV	188°, 21%, 96%
XYZ	69.0483, 79.0791, 98.0108
YIQ	225.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

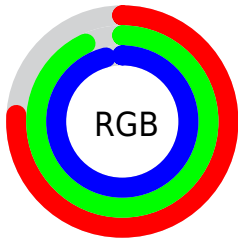
Format	Color
R _Y B	193, 217, 245
Decimal	12709621
CIE Lab	91.27, -12.89, -8.16
CIE LCh	91, 15.259, 212.329
Yxy	79.0791, 0.2805, 0.3213
Android (android.graphics.Color)	4290899701 (0xFFC1EEF5)
YUV	225.3430, 9.6909, -28.3648
Hunter-Lab	88.9264, -17.0222, -3.0983

Details

The RGB color **193, 238, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 200, 193**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **250, 255, 255**, and **138, 182, 189** is the 20% darker color. If you saturate the color by 10%, you get **169, 235, 245**, and if you desaturate by 10%, it is **218, 241, 245**.

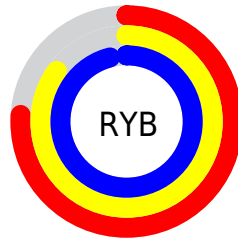
Distribution



Red (76%)

Green (93%)

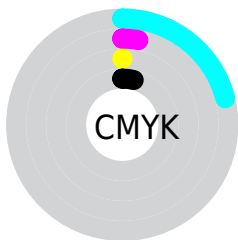
Blue (96%)



Red (76%)

Yellow (85%)

Blue (96%)

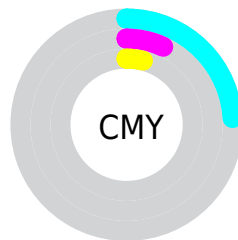


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 238, 245 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 193, 238, 245 by changing the saturation by 10% instead.

■ 193, 238, 245

255, 255, 255

■ 250, 255, 255

■ 193, 238, 245

■ 165, 210, 217

■ 138, 182, 189

■ 112, 155, 162

■ 87, 129, 136

■ 62, 104, 110

■ 37, 80, 86

■ 9, 57, 63

■ 0, 35, 41

■ 0, 10, 21

 193, 238, 245

 193, 238, 245

 169, 235, 245

 218, 241, 245

 144, 231, 245

 242, 245, 245

 120, 228, 245

 255, 248, 245

 95, 225, 245

 255, 251, 245

 70, 222, 245

 255, 254, 245

 46, 218, 245

 255, 255, 245

 21, 215, 245

 0, 212, 245

Harmonies

Analogous

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



196, 239, 231



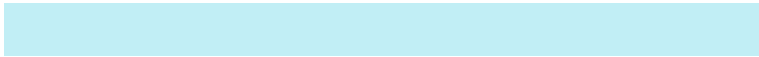
193, 238, 245



200, 235, 255

Triad

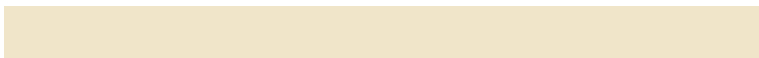
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 238, 245



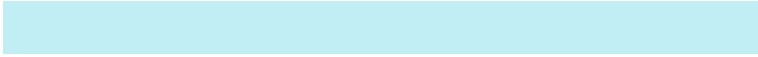
250, 222, 244



241, 229, 201

Complementary

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



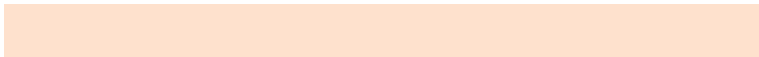
193, 238, 245



245, 200, 193

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.



254, 225, 205



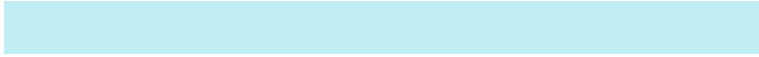
193, 238, 245



255, 220, 229

Square

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



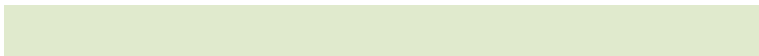
193, 238, 245



234, 226, 255



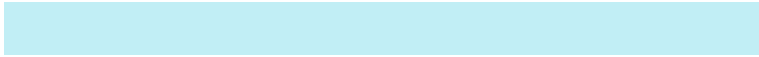
255, 221, 215



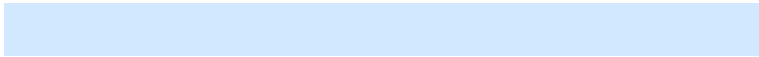
224, 234, 205

Rectangle

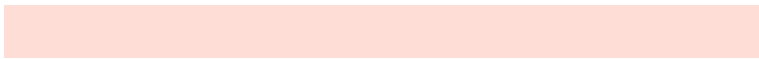
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 238, 245



210, 232, 255



255, 221, 215



246, 228, 201

Sweetspot

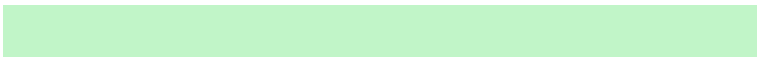
The Sweet Spot groups the original color and five complimentary colors.



193, 238, 245



240, 253, 255



193, 245, 200



119, 126, 128



0, 0, 0



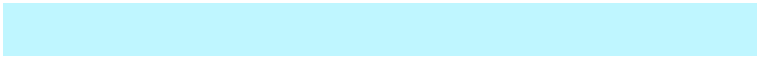
128, 128, 128

Same Dimension

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



193, 238, 245



191, 246, 255



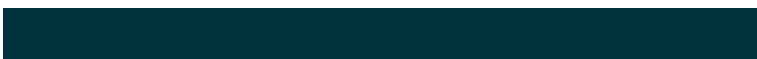
193, 212, 245



110, 121, 122



0, 161, 186



0, 51, 59

Inverse Universe

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



245, 193, 238



255, 191, 246



245, 226, 193



122, 110, 121



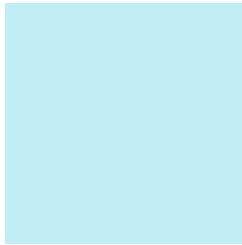
186, 0, 161



59, 0, 51

Previews

White Background



This preview shows how the RGB color 193, 238, 245 looks on a white background.

Color Contrast Check

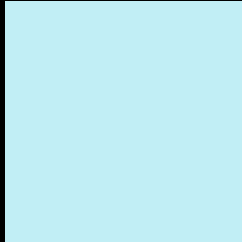
Large Text (above 18pt) WCAG AA × Fail

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 193, 238, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

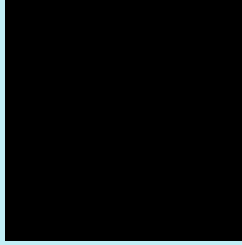
Any Text WCAG AA ✓ Pass

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 193, 238, 245 Background



This preview shows how black text looks on a background with the RGB color 193, 238, 245.

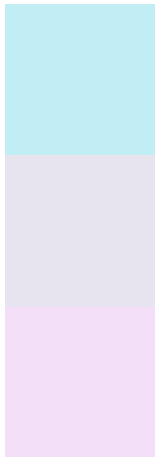


This preview shows how white text looks on a background with the RGB color 193, 238, 245.

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
193, 238, 245

Protanopia
231, 228, 239

Deuteranopia
243, 223, 248

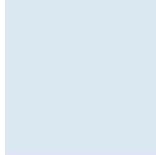


Tritanopia
195, 236, 255

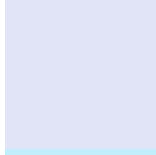
Trichromacy



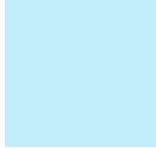
Original Color
193, 238, 245



Protanomaly
217, 232, 241



Deuteranomaly
225, 228, 247

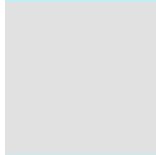


Tritanomaly
194, 237, 251

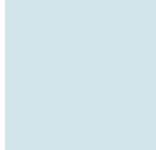
Monochromacy



Original Color
193, 238, 245



Achromatopsia
225, 225, 225



Achromatomaly
213, 230, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 238, 245 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(193, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 238, 245)  
}
```

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(193, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 238, 245) }
```

Border

The CSS property to change the border of an element to RGB 193, 238, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

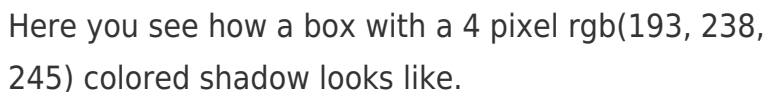
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 238, 245) }
```

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

```
.border{ border-color:rgb(193, 238, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 238, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 238, 245); box-shadow:4px 4px 4px 4px rgb(193, 238, 245) }
```

Background

The CSS property to change the background color of an element to RGB 193, 238, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 238, 245) }
```

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

```
.background{ background-color: rgb(193,  
238, 245) }
```

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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