Converting Colors

RGB(193, 247, 218)

Have a look what the booklet for RGB(193, 247, 218) contains.

Color

RGB(193, 247, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C1F7DA
RGB	193, 247, 218
RGB Percent	76%, 97%, 85%
CMY	0.2431, 0.0314, 0.1451
CMYK	0.22, 0.00, 0.12, 0.03
HSL	148°, 77%, 86%
HSV	148°, 22%, 97%
XYZ	67.9080, 82.9209, 78.7559
YIQ	227.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

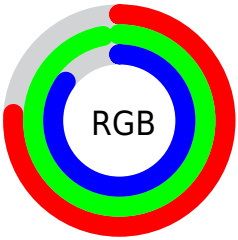
Format	Color
RYB	193, 230, 247
Decimal	12711898
CIELab	92.98, -22.75, 8.37
CIELCh	93, 24.240, 159.811
Yxy	82.9209, 0.2958, 0.3612
Android (android.graphics.Color)	4290901978 (0xFFC1F7DA)
YUV	227.5480, -4.7072, -30.2986
Hunter-Lab	91.0609, -26.2417, 12.4645

Details

The RGB color 193, 247, 218 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 247, 193, 222, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 250, 255, 255, and 139, 190, 163 is the 20% darker color. If you saturate the color by 10%, you get 168, 247, 205, and if you desaturate by 10%, it is 218, 247, 231.

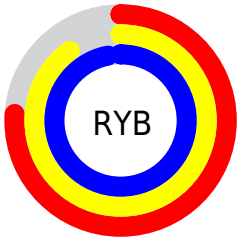
Distribution



Red (76%)

Green (97%)

Blue (85%)



Red (76%)

Yellow (90%)

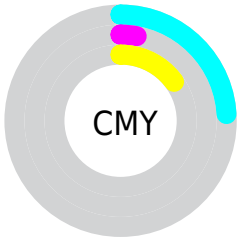
Blue (97%)

Cyan (22%)

Magenta (0%)

Yellow (12%)

Black (3%)



Cyan (24%)

Magenta (3%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 247, 218 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, 247, 218 by changing the saturation by 10% instead.

193, 247, 218

255, 255, 255

250, 255, 255

193, 247, 218

165, 218, 190

139, 190, 163

112, 163, 137

87, 137, 111

62, 111, 87

38, 87, 64

11, 63, 42

0, 41, 21

0, 18, 0

193, 247, 218

168, 247, 205

144, 247, 191

119, 247, 178

94, 247, 165

70, 247, 152

45, 247, 138

20, 247, 125

0, 247, 114

193, 247, 218

218, 247, 231

242, 247, 245

255, 247, 255

Harmonies

Analogous

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

219, 243, 199

193, 247, 218

175, 248, 242

Triad

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

193, 247, 218

218, 234, 255

255, 221, 206

Complementary

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

193, 247, 218

247, 193, 222

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, 218, 228

193, 247, 218

249, 226, 255

Square

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

193, 247, 218

189, 242, 255

255, 220, 251

255, 228, 192

Rectangle

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

193, 247, 218

171, 248, 255

255, 220, 251

255, 220, 213

Sweetspot

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

193, 247, 218

237, 255, 245

223, 247, 193

117, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

193, 247, 218

189, 255, 219

193, 247, 244

110, 122, 116

0, 186, 86

0, 59, 27

Inverse Universe

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

247, 193, 222

255, 189, 224

247, 193, 196

122, 110, 117

186, 0, 100

59, 0, 31

Previews

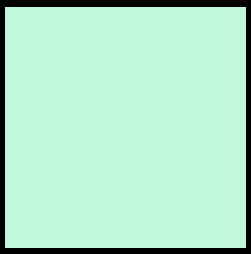
White Background

This preview shows how the RGB color 193, 247, 218 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



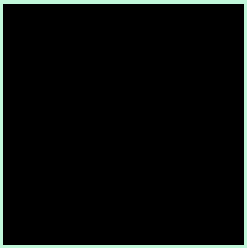
This preview shows how the RGB color 193, 247, 218 looks on a black background.

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, 247, 218 Background



This preview shows how black text looks on a background with the RGB color 193, 247, 218.

This preview shows how white text looks on a background with the RGB color 193, 247, 218.

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, 247, 218

Protanopia
244, 233, 211

Deuteranopia
255, 228, 225

Tritanopia
208, 240, 255

Trichromacy

Original Color
193, 247, 218

Protanomaly
225, 238, 214

Deuteranomaly
232, 235, 222

Tritanomaly
203, 243, 242

Monochromacy

Original Color
193, 247, 218

Achromatopsia
228, 228, 228

Achromatomaly
215, 235, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 247, 218 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, 247, 218) looks like.

```
.text, #text, p{
    color:rgb(193, 247, 218)
}
```

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, 247, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 247, 218) }
```

Border

The CSS property to change the border of an element to RGB 193, 247, 218 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, 247, 218) }
```

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

```
.border{ border-color:rgb(193, 247, 218) }
```

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

Here you see how a box with a 4 pixel rgb(193, 247, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 247, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 247, 218); box-shadow:4px 4px 4px 4px rgb(193, 247, 218) }
```

Background

The CSS property to change the background color of an element to RGB 193, 247, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(193, 247, 218) }
```

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

```
.background{ background-color:rgb(193,
247, 218) }
```

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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