Converting Colors

RGB(193, 242, 193)

Have a look what the booklet for RGB(193, 242, 193) contains.

Color

RGB(193, 242, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2C1
RGB	193, 242, 193
RGB Percent	76%, 95%, 76%
CMY	0.2431, 0.0510, 0.2431
CMYK	0.20, 0.00, 0.20, 0.05
HSL	120°, 65%, 85%
HSV	120°, 20%, 95%
XYZ	63.3701, 78.6920, 62.3012
YIQ	221.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

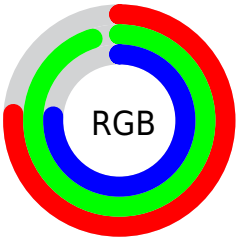
Format	Color
RYB	193, 242, 242
Decimal	12710593
CIELab	91.09, -24.81, 18.61
CIELCh	91, 31.015, 143.133
Yxy	78.6920, 0.3101, 0.3851
Android (android.graphics.Color)	4290900673 (0xFFC1F2C1)
YUV	221.7630, -14.1802, -25.2252
Hunter-Lab	88.7085, -27.7260, 20.4558

Details

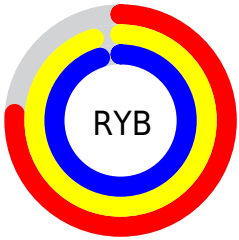
The RGB color 193, 242, 193 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 242, 193, 242, and the grayscale version is 222, 222, 222.

A 20% lighter version of the original color is 250, 255, 250, and 139, 186, 139 is the 20% darker color. If you saturate the color by 10%, you get 169, 242, 169, and if you desaturate by 10%, it is 217, 242, 217.

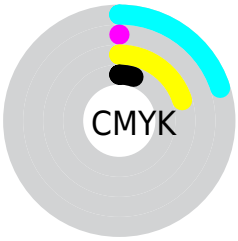
Distribution



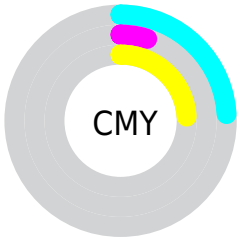
- Red (76%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 242, 193 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, 242, 193 by changing the saturation by 10% instead.

193, 242, 193

255, 255, 255

250, 255, 250

193, 242, 193

165, 214, 166

139, 186, 139

113, 159, 114

87, 132, 89

63, 107, 65

39, 82, 43

13, 59, 22

0, 37, 0

0, 7, 0

193, 242, 193

169, 242, 169

145, 242, 145

120, 242, 120

96, 242, 96

72, 242, 72

48, 242, 48

24, 242, 24

0, 242, 0

193, 242, 193

217, 242, 217

241, 242, 241

255, 242, 255

Harmonies

Analogous

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

227, 235, 174

193, 242, 193

161, 246, 221

Triad

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

193, 242, 193

184, 234, 255

255, 209, 207

Complementary

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

193, 242, 193

242, 193, 242

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, 209, 238

193, 242, 193

225, 224, 255

Square

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

193, 242, 193

151, 242, 255

255, 214, 255

255, 216, 183

Rectangle

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

193, 242, 193

147, 246, 242

255, 214, 255

255, 208, 217

Sweetspot

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

193, 242, 193

240, 255, 240

242, 242, 193

119, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

193, 242, 193

194, 255, 194

193, 242, 217

108, 120, 108

0, 184, 0

0, 56, 0

Inverse Universe

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

242, 193, 242

255, 194, 255

242, 193, 217

120, 108, 120

184, 0, 184

56, 0, 56

Previews

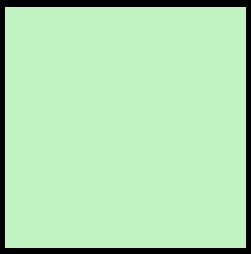
White Background

This preview shows how the RGB color 193, 242, 193 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



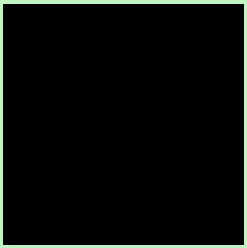
This preview shows how the RGB color 193, 242, 193 looks on a black background.

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, 242, 193 Background



This preview shows how black text looks on a background with the RGB color 193, 242, 193.

This preview shows how white text looks on a background with the RGB color 193, 242, 193.

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, 242, 193

Protanopia
242, 228, 186

Deuteranopia
255, 222, 205

Tritanopia
203, 234, 253

Trichromacy

Original Color
193, 242, 193

Protanomaly
224, 233, 189

Deuteranomaly
232, 229, 201

Tritanomaly
199, 237, 231

Monochromacy

Original Color
193, 242, 193

Achromatopsia
222, 222, 222

Achromatomaly
211, 229, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 242, 193 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, 242, 193) looks like.

```
.text, #text, p{
    color:rgb(193, 242, 193)
}
```

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, 242, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 193) }
```

Border

The CSS property to change the border of an element to RGB 193, 242, 193 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, 242, 193) }
```

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

```
.border{ border-color:rgb(193, 242, 193) }
```

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

Here you see how a box with a 4 pixel rgb(193, 242, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 242, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 242, 193); box-shadow:4px 4px 4px 4px rgb(193, 242, 193) }
```

Background

The CSS property to change the background color of an element to RGB 193, 242, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(193, 242, 193) }
```

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

```
.background{ background-color:rgb(193,
242, 193) }
```

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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