Converting Colors

RGB(188, 251, 241)

Have a look what the booklet for RGB(188, 251, 241) contains.

Color

RGB(188, 251, 241)

Conversions

Conversions Part 1

Format	Color
Hex	BCFBF1
RGB	188, 251, 241
RGB Percent	74%, 98%, 95%
CMY	0.2627, 0.0157, 0.0549
CMYK	0.25, 0.00, 0.04, 0.02
HSL	170°, 89%, 86%
HSV	170°, 25%, 98%
XYZ	71.1134, 86.0366, 96.0777
YIQ	231.0230, -34.3380, -16.4660

Conversions

Conversions Part 2

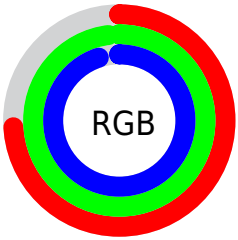
Format	Color
RYB	188, 222, 251
Decimal	12385265
CIELab	94.33, -21.64, -1.61
CIELCh	94, 21.697, 184.255
Yxy	86.0366, 0.2808, 0.3398
Android (android.graphics.Color)	4290575345 (0xFFBCFBF1)
YUV	231.0230, 4.9187, -37.7312
Hunter-Lab	92.7559, -25.4718, 3.5158

Details

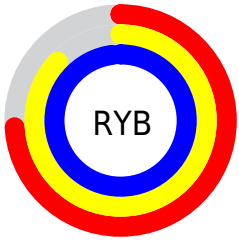
The RGB color 188, 251, 241 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 251, 188, 198, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 245, 255, 255, and 133, 194, 185 is the 20% darker color. If you saturate the color by 10%, you get 163, 251, 237, and if you desaturate by 10%, it is 213, 251, 245.

Distribution

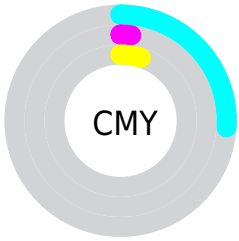


- Red (74%)
- Green (98%)
- Blue (95%)



- Red (74%)
- Yellow (87%)
- Blue (98%)

- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (26%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 251, 241 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 188, 251, 241 by changing the saturation by 10% instead.

188, 251, 241

255, 255, 255

245, 255, 255

188, 251, 241

160, 222, 213

133, 194, 185

107, 167, 158

80, 140, 132

55, 115, 107

27, 90, 83

0, 66, 60

0, 44, 38

0, 24, 17

188, 251, 241

163, 251, 237

138, 251, 233

113, 251, 229

88, 251, 225

63, 251, 221

37, 251, 217

12, 251, 213

0, 251, 211

188, 251, 241

213, 251, 245

238, 251, 249

255, 251, 253

255, 251, 255

Harmonies

Analogous

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

205, 249, 220

188, 251, 241

183, 250, 255

Triad

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

188, 251, 241

246, 232, 255

255, 231, 202

Complementary

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

188, 251, 241

251, 188, 198

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, 226, 216

188, 251, 241

255, 227, 255

Square

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

188, 251, 241

219, 239, 255

255, 224, 236

252, 238, 197

Rectangle

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

188, 251, 241

190, 247, 255

255, 224, 236

255, 229, 205

Sweetspot

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

188, 251, 241

235, 255, 252

199, 251, 188

115, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

188, 251, 241

179, 255, 243

188, 230, 251

112, 125, 123

0, 189, 159

0, 61, 51

Inverse Universe

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

251, 188, 198

255, 179, 191

251, 209, 188

125, 112, 114

189, 0, 30

61, 0, 10

Previews

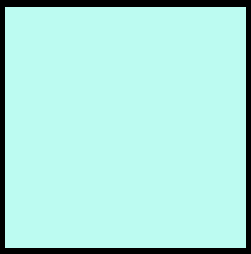
White Background

This preview shows how the RGB color 188, 251, 241 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



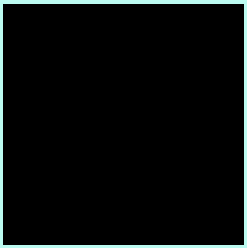
This preview shows how the RGB color 188, 251, 241 looks on a black background.

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 188, 251, 241 Background



This preview shows how black text looks on a background with the RGB color 188, 251, 241.

This preview shows how white text looks on a background with the RGB color 188, 251, 241.

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
188, 251, 241

Protanopia
243, 237, 233

Deuteranopia
255, 232, 244

Tritanopia
214, 243, 255

Trichromacy

Original Color
188, 251, 241

Protanomaly
223, 242, 236

Deuteranomaly
231, 239, 243

Tritanomaly
205, 246, 250

Monochromacy

Original Color
188, 251, 241

Achromatopsia
231, 231, 231

Achromatomaly
215, 238, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 251, 241 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(188, 251, 241) looks like.

```
.text, #text, p{
    color:rgb(188, 251, 241)
}
```

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(188, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 251, 241) }
```

Border

The CSS property to change the border of an element to RGB 188, 251, 241 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(188, 251, 241) }
```

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

```
.border{ border-color:rgb(188, 251, 241) }
```

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

Here you see how a box with a 4 pixel rgb(188, 251, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 251, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 251, 241); box-shadow:4px 4px 4px 4px rgb(188, 251, 241) }
```

Background

The CSS property to change the background color of an element to RGB 188, 251, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(188, 251, 241) }
```

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

```
.background{ background-color:rgb(188,
251, 241) }
```

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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