Converting Colors

RGB(188, 247, 237)

Have a look what the booklet for RGB(188, 247, 237) contains.

Color

RGB(188, 247, 237)

Conversions

Conversions Part 1

Format	Color
Hex	BCF7ED
RGB	188, 247, 237
RGB Percent	74%, 97%, 93%
CMY	0.2627, 0.0314, 0.0706
CMYK	0.24, 0.00, 0.04, 0.03
HSL	170°, 79%, 85%
HSV	170°, 24%, 97%
XYZ	69.2859, 83.3273, 92.5528
YIQ	228.2190, -31.9540, -15.6180

Conversions

Conversions Part 2

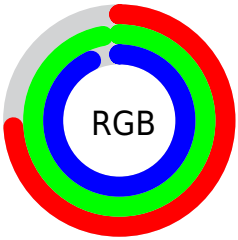
Format	Color
RYB	188, 220, 247
Decimal	12384237
CIELab	93.16, -20.51, -1.25
CIELCh	93, 20.552, 183.494
Yxy	83.3273, 0.2826, 0.3399
Android (android.graphics.Color)	4290574317 (0xFFBCF7ED)
YUV	228.2190, 4.3290, -35.2721
Hunter-Lab	91.2838, -24.2623, 3.7844

Details

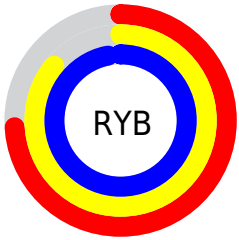
The RGB color 188, 247, 237 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 247, 188, 198, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 245, 255, 255, and 133, 191, 181 is the 20% darker color. If you saturate the color by 10%, you get 163, 247, 233, and if you desaturate by 10%, it is 213, 247, 241.

Distribution

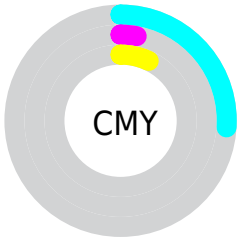


- Red (74%)
- Green (97%)
- Blue (93%)



- Red (74%)
- Yellow (86%)
- Blue (97%)

- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 247, 237 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, 247, 237 by changing the saturation by 10% instead.

188, 247, 237

255, 255, 255

245, 255, 255

188, 247, 237

160, 218, 209

133, 191, 181

107, 163, 154

81, 137, 128

56, 111, 103

29, 87, 79

0, 63, 57

0, 41, 35

0, 20, 14

188, 247, 237

163, 247, 233

139, 247, 229

114, 247, 224

89, 247, 220

65, 247, 216

40, 247, 212

15, 247, 208

0, 247, 205

188, 247, 237

213, 247, 241

237, 247, 245

255, 247, 250

255, 247, 254

255, 247, 255

Harmonies

Analogous

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

204, 245, 217

188, 247, 237

183, 246, 255

Triad

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

188, 247, 237

242, 230, 255

255, 228, 201

Complementary

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

188, 247, 237

247, 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, 223, 214

188, 247, 237

255, 224, 253

Square

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

188, 247, 237

216, 236, 255

255, 222, 234

249, 235, 196

Rectangle

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

188, 247, 237

189, 244, 255

255, 222, 234

255, 226, 204

Sweetspot

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

188, 247, 237

237, 255, 252

199, 247, 188

117, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

188, 247, 237

181, 255, 242

188, 228, 247

110, 122, 120

0, 186, 155

0, 59, 49

Inverse Universe

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

247, 188, 198

255, 181, 194

247, 207, 188

122, 110, 112

186, 0, 32

59, 0, 10

Previews

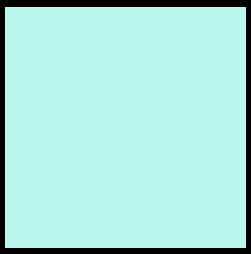
White Background

This preview shows how the RGB color 188, 247, 237 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



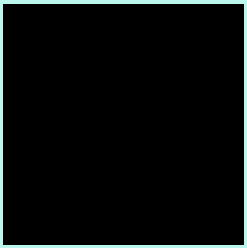
This preview shows how the RGB color 188, 247, 237 looks on a black background.

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, 247, 237 Background



This preview shows how black text looks on a background with the RGB color 188, 247, 237.

This preview shows how white text looks on a background with the RGB color 188, 247, 237.

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, 247, 237

Protanopia
240, 234, 229

Deuteranopia
254, 227, 241

Tritanopia
206, 241, 255

Trichromacy

Original Color
188, 247, 237

Protanomaly
221, 239, 232

Deuteranomaly
230, 234, 240

Tritanomaly
199, 243, 248

Monochromacy

Original Color
188, 247, 237

Achromatopsia
228, 228, 228

Achromatomaly
213, 235, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 247, 237 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, 247, 237) looks like.

```
.text, #text, p{
    color:rgb(188, 247, 237)
}
```

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, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 247, 237) }
```

Border

The CSS property to change the border of an element to RGB 188, 247, 237 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, 247, 237) }
```

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

```
.border{ border-color:rgb(188, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(188, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 247, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 247, 237); box-shadow:4px 4px 4px 4px rgb(188, 247, 237) }
```

Background

The CSS property to change the background color of an element to RGB 188, 247, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(188, 247, 237) }
```

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

```
.background{ background-color:rgb(188,
247, 237) }
```

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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