Converting Colors

RGB(171, 242, 240)

Have a look what the booklet for RGB(171, 242, 240) contains.

Color

RGB(171, 242, 240)

Conversions

Conversions Part 1

Format	Color
Hex	ABF2F0
RGB	171, 242, 240
RGB Percent	67%, 95%, 94%
CMY	0.3294, 0.0510, 0.0588
CMYK	0.29, 0.00, 0.01, 0.05
HSL	178°, 73%, 81%
HSV	178°, 29%, 95%
XYZ	64.2749, 78.4535, 94.1935
YIQ	220.5430, -41.6740, -15.6740

Conversions

Conversions Part 2

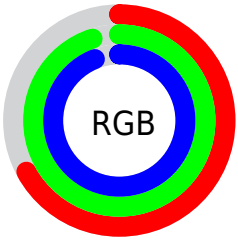
Format	Color
RYB	171, 207, 242
Decimal	11268848
CIELab	90.99, -22.28, -6.11
CIELCh	91, 23.099, 195.335
Yxy	78.4535, 0.2713, 0.3311
Android (android.graphics.Color)	4289458928 (0xFFABF2F0)
YUV	220.5430, 9.5923, -43.4492
Hunter-Lab	88.5740, -25.4735, -1.0498

Details

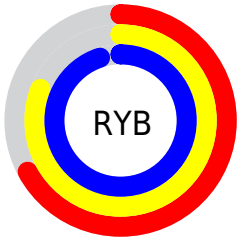
The RGB color 171, 242, 240 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 242, 171, 173, and the grayscale version is 220, 220, 220.

A 20% lighter version of the original color is 228, 255, 255, and 116, 186, 184 is the 20% darker color. If you saturate the color by 10%, you get 147, 242, 239, and if you desaturate by 10%, it is 195, 242, 241.

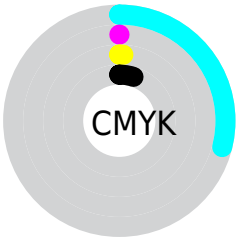
Distribution



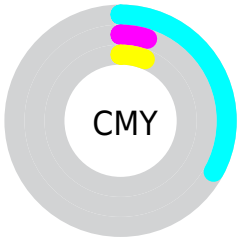
- Red (67%)
- Green (95%)
- Blue (94%)



- Red (67%)
- Yellow (81%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (33%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 242, 240 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 171, 242, 240 by changing the saturation by 10% instead.

171, 242, 240

255, 255, 255

228, 255, 255

171, 242, 240

143, 214, 212

116, 186, 184

89, 159, 157

62, 132, 131

33, 107, 106

0, 82, 82

0, 59, 59

0, 37, 37

0, 7, 17

171, 242, 240	171, 242, 240
147, 242, 239	195, 242, 241
123, 242, 239	219, 242, 241
98, 242, 238	244, 242, 242
74, 242, 237	255, 242, 243
50, 242, 237	255, 242, 243
26, 242, 236	255, 242, 244
2, 242, 235	255, 242, 245
0, 242, 235	255, 242, 245
	255, 242, 246

Harmonies

Analogous

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

186, 241, 217

171, 242, 240

172, 240, 255

Triad

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

171, 242, 240

247, 220, 255

255, 224, 187

Complementary

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

171, 242, 240

242, 171, 173

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, 217, 199

171, 242, 240

255, 215, 241

Square

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

171, 242, 240

219, 227, 255

255, 214, 218

234, 231, 186

Rectangle

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

171, 242, 240

183, 236, 255

255, 214, 218

255, 222, 190

Sweetspot

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

171, 242, 240

232, 255, 254

173, 242, 171

113, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

171, 242, 240

166, 255, 252

171, 209, 242

108, 120, 120

0, 184, 178

0, 56, 55

Inverse Universe

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

242, 171, 173

255, 166, 168

242, 204, 171

120, 108, 108

184, 0, 5

56, 0, 2

Previews

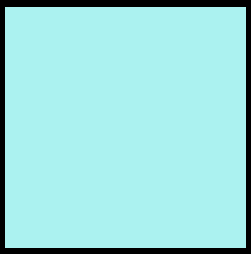
White Background

This preview shows how the RGB color 171, 242, 240 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



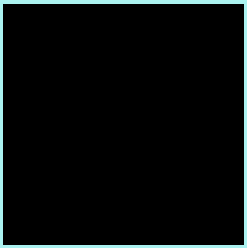
This preview shows how the RGB color 171, 242, 240 looks on a black background.

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 171, 242, 240 Background



This preview shows how black text looks on a background with the RGB color 171, 242, 240.

This preview shows how white text looks on a background with the RGB color 171, 242, 240.

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
171, 242, 240

Protanopia
231, 227, 231

Deuteranopia
243, 222, 244

Tritanopia
183, 238, 255

Trichromacy

Original Color
171, 242, 240

Protanomaly
209, 232, 234

Deuteranomaly
217, 229, 243

Tritanomaly
179, 239, 250

Monochromacy

Original Color
171, 242, 240

Achromatopsia
221, 221, 221

Achromatomaly
203, 229, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 242, 240 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(171, 242, 240) looks like.

```
.text, #text, p{
    color:rgb(171, 242, 240)
}
```

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(171, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 240) }
```

Border

The CSS property to change the border of an element to RGB 171, 242, 240 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(171, 242, 240) }
```

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

```
.border{ border-color:rgb(171, 242, 240) }
```

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

Here you see how a box with a 4 pixel rgb(171, 242, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 242, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 242, 240); box-shadow:4px 4px 4px 4px rgb(171, 242, 240) }
```

Background

The CSS property to change the background color of an element to RGB 171, 242, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 242, 240) }
```

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

```
.background{ background-color:rgb(171,
242, 240) }
```

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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