Converting Colors

RGB(141, 240, 183)

Have a look what the booklet for RGB(141, 240, 183) contains.

Color

RGB(141, 240, 183)

Conversions

Conversions Part 1

Format	Color
Hex	8DF0B7
RGB	141, 240, 183
RGB Percent	55%, 94%, 72%
CMY	0.4471, 0.0588, 0.2824
CMYK	0.41, 0.00, 0.24, 0.06
HSL	145°, 77%, 75%
HSV	145°, 41%, 94%
XYZ	50.6918, 71.4018, 55.9099
YIQ	203.9010, -40.7070, -38.7150

Conversions

Conversions Part 2

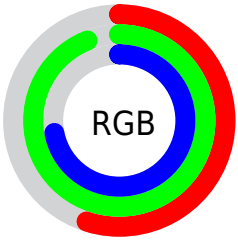
Format	Color
RYB	141, 211, 240
Decimal	9302199
CIELab	87.68, -41.42, 18.60
CIELCh	88, 45.402, 155.811
Yxy	71.4018, 0.2848, 0.4011
Android (android.graphics.Color)	4287492279 (0xFF8DF0B7)
YUV	203.9010, -10.3042, -55.1642
Hunter-Lab	84.4996, -40.7910, 19.9199

Details

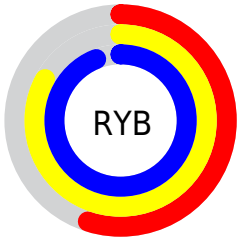
The RGB color 141, 240, 183 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 240, 141, 198, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 198, 255, 239, and 85, 183, 130 is the 20% darker color. If you saturate the color by 10%, you get 117, 240, 169, and if you desaturate by 10%, it is 165, 240, 197.

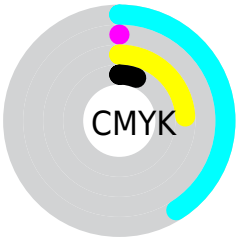
Distribution



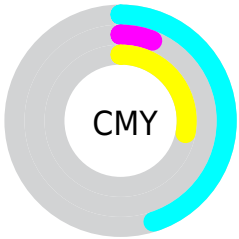
- Red (55%)
- Green (94%)
- Blue (72%)



- Red (55%)
- Yellow (83%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 141, 240, 183 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 141, 240, 183 by changing the saturation by 10% instead.

141, 240, 183

255, 255, 255

198, 255, 239

227, 255, 255

141, 240, 183

113, 211, 156

85, 183, 130

55, 156, 105

18, 129, 80

0, 104, 57

0, 79, 35

0, 55, 14

0, 34, 0

0, 0, 0

141, 240, 183	141, 240, 183
117, 240, 169	165, 240, 197
93, 240, 155	189, 240, 211
69, 240, 142	213, 240, 224
45, 240, 128	237, 240, 238
21, 240, 114	255, 240, 252
0, 240, 102	255, 240, 255

Harmonies

Analogous

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

194, 232, 148

141, 240, 183

81, 243, 227

Triad

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

141, 240, 183

171, 221, 255

255, 192, 171

Complementary

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

141, 240, 183

240, 141, 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, 186, 213

141, 240, 183

236, 206, 255

Square

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

141, 240, 183

95, 234, 255

255, 192, 255

255, 205, 142

Rectangle

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

141, 240, 183

40, 242, 255

255, 192, 255

255, 189, 184

Sweetspot

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

141, 240, 183

224, 255, 237

199, 240, 141

110, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

141, 240, 183

128, 255, 182

141, 240, 232

108, 120, 113

0, 184, 78

0, 56, 24

Inverse Universe

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

240, 141, 198

255, 128, 201

240, 141, 149

120, 108, 115

184, 0, 106

56, 0, 32

Previews

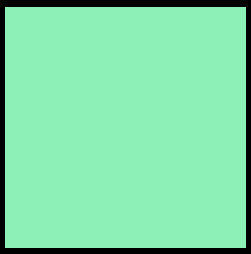
White Background

This preview shows how the RGB color 141, 240, 183 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



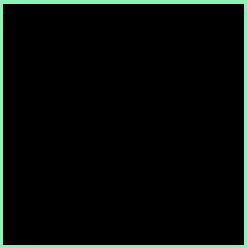
This preview shows how the RGB color 141, 240, 183 looks on a black background.

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 141, 240, 183 Background



This preview shows how black text looks on a background with the RGB color 141, 240, 183.

This preview shows how white text looks on a background with the RGB color 141, 240, 183.

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
141, 240, 183

Protanopia
233, 218, 173

Deuteranopia
250, 210, 189

Tritanopia
156, 231, 250

Trichromacy

Original Color
141, 240, 183

Protanomaly
200, 226, 177

Deuteranomaly
210, 221, 187

Tritanomaly
151, 234, 226

Monochromacy

Original Color
141, 240, 183

Achromatopsia
204, 204, 204

Achromatomaly
181, 217, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 141, 240, 183 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(141, 240, 183) looks like.

```
.text, #text, p{
    color:rgb(141, 240, 183)
}
```

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(141, 240, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 240, 183) }
```

Border

The CSS property to change the border of an element to RGB 141, 240, 183 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(141, 240, 183) }
```

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

```
.border{ border-color:rgb(141, 240, 183) }
```

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

Here you see how a box with a 4 pixel rgb(141, 240, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 240, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 240, 183); box-shadow:4px 4px 4px 4px rgb(141, 240, 183) }
```

Background

The CSS property to change the background color of an element to RGB 141, 240, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(141, 240, 183) }
```

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

```
.background{ background-color:rgb(141,
240, 183) }
```

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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