Converting Colors

RGB(140, 225, 177)

Have a look what the booklet for RGB(140, 225, 177) contains.

Color

RGB(140, 225, 177)

Conversions

Conversions Part 1

Format	Color
Hex	8CE1B1
RGB	140, 225, 177
RGB Percent	55%, 88%, 69%
CMY	0.4510, 0.1176, 0.3059
CMYK	0.38, 0.00, 0.21, 0.12
HSL	146°, 59%, 72%
HSV	146°, 38%, 88%
XYZ	45.6762, 62.6002, 51.2706
YIQ	194.1130, -35.2520, -32.9480

Conversions

Conversions Part 2

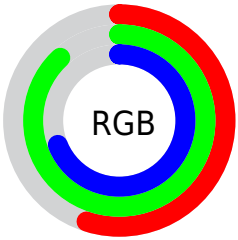
Format	Color
RYB	140, 199, 225
Decimal	9232817
CIELab	83.23, -36.08, 15.49
CIELCh	83, 39.267, 156.763
Yxy	62.6002, 0.2863, 0.3924
Android (android.graphics.Color)	4287422897 (0xFF8CE1B1)
YUV	194.1130, -8.4367, -47.4571
Hunter-Lab	79.1203, -35.4122, 16.9638

Details

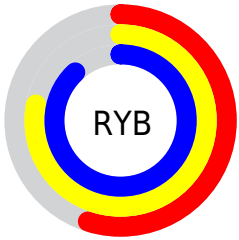
The RGB color 140, 225, 177 is a light color, and the websafe version is hex 66CC99. A complement of this color would be 225, 140, 188, and the grayscale version is 194, 194, 194.

A 20% lighter version of the original color is 196, 255, 233, and 85, 169, 124 is the 20% darker color. If you saturate the color by 10%, you get 118, 225, 164, and if you desaturate by 10%, it is 163, 225, 190.

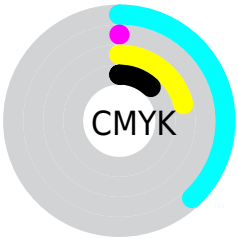
Distribution



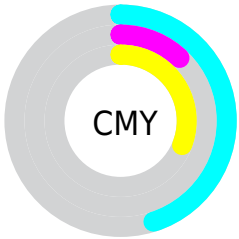
- Red (55%)
- Green (88%)
- Blue (69%)



- Red (55%)
- Yellow (78%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 225, 177 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 140, 225, 177 by changing the saturation by 10% instead.

140, 225, 177

255, 255, 255

196, 255, 233

225, 255, 255

254, 255, 255

140, 225, 177

113, 197, 150

85, 169, 124

58, 142, 99

27, 116, 75

0, 91, 52

0, 67, 31

0, 44, 8

0, 19, 0

0, 0, 0

140, 225, 177	140, 225, 177
118, 225, 164	163, 225, 190
95, 225, 152	185, 225, 202
73, 225, 139	208, 225, 215
50, 225, 126	230, 225, 228
28, 225, 113	253, 225, 241
5, 225, 101	255, 225, 253
0, 225, 98	255, 225, 255

Harmonies

Analogous

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

184, 218, 147

140, 225, 177

96, 228, 215

Triad

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

140, 225, 177

170, 208, 255

255, 184, 165

Complementary

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

140, 225, 177

225, 140, 188

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, 179, 200

140, 225, 177

223, 195, 255

Square

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

140, 225, 177

111, 219, 255

255, 183, 237

255, 195, 140

Rectangle

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

140, 225, 177

76, 227, 239

255, 183, 237

255, 181, 176

Sweetspot

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

140, 225, 177

227, 255, 239

188, 225, 140

111, 128, 118

0, 0, 0

128, 128, 128

Same Dimension

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

140, 225, 177

140, 255, 190

140, 225, 219

101, 112, 106

0, 176, 77

0, 48, 21

Inverse Universe

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

225, 140, 188

255, 140, 205

225, 140, 146

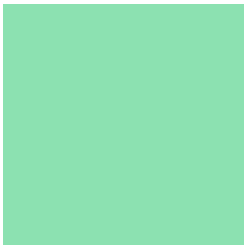
112, 101, 107

176, 0, 99

48, 0, 27

Previews

White Background

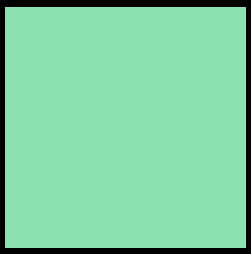


This preview shows how the RGB color 140, 225, 177 looks on a white background.

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



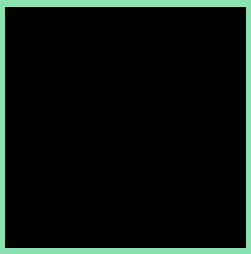
This preview shows how the RGB color 140, 225, 177 looks on a black background.

Color Contrast Check

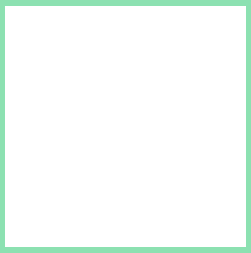
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 140, 225, 177 Background



This preview shows how black text looks on a background with the RGB color 140, 225, 177.



This preview shows how white text looks on a background with the RGB color 140, 225, 177.

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

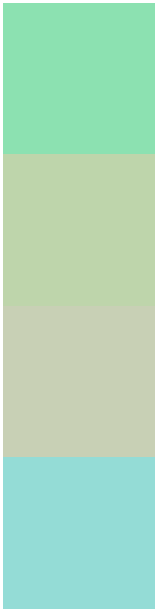
Original Color
140, 225, 177

Protanopia
219, 206, 168

Deuteranopia
235, 199, 183

Tritanopia
153, 217, 235

Trichromacy



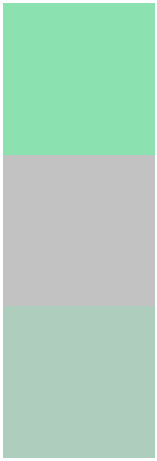
Original Color
140, 225, 177

Protanomaly
190, 213, 171

Deuteranomaly
200, 208, 181

Tritanomaly
148, 220, 214

Monochromacy



Original Color
140, 225, 177

Achromatopsia
194, 194, 194

Achromatomaly
174, 205, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 225, 177 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(140, 225, 177) looks like.

```
.text, #text, p{
    color:rgb(140, 225, 177)
}
```

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(140, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 225, 177) }
```

Border

The CSS property to change the border of an element to RGB 140, 225, 177 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(140, 225, 177) }
```

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

```
.border{ border-color:rgb(140, 225, 177) }
```

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

Here you see how a box with a 4 pixel rgb(140, 225, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 225, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 225, 177); box-shadow:4px 4px 4px 4px rgb(140, 225, 177) }
```

Background

The CSS property to change the background color of an element to RGB 140, 225, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 225, 177) }
```

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

```
.background{ background-color:rgb(140,
225, 177) }
```

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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