Converting Colors

RGB(140, 222, 219)

Have a look what the booklet for RGB(140, 222, 219) contains.

Color

RGB(140, 222, 219)

Conversions

Conversions Part 1

Format	Color
Hex	8CDEDB
RGB	140, 222, 219
RGB Percent	55%, 87%, 86%
CMY	0.4510, 0.1294, 0.1412
CMYK	0.37, 0.00, 0.01, 0.13
HSL	178°, 55%, 71%
HSV	178°, 37%, 87%
XYZ	49.7227, 62.9325, 76.5444
YIQ	197.1400, -47.9090, -18.3170

Conversions

Conversions Part 2

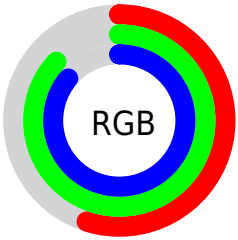
Format	Color
RYB	140, 182, 222
Decimal	9232091
CIELab	83.41, -25.60, -6.44
CIELCh	83, 26.396, 194.127
Yxy	62.9325, 0.2628, 0.3326
Android (android.graphics.Color)	4287422171 (0xFF8CDEDB)
YUV	197.1400, 10.7770, -50.1118
Hunter-Lab	79.3300, -26.9467, -1.6771

Details

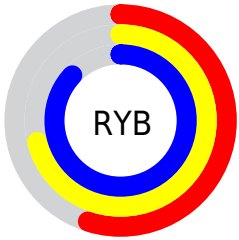
The RGB color 140, 222, 219 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 222, 140, 143, and the grayscale version is 197, 197, 197.

A 20% lighter version of the original color is 197, 255, 255, and 84, 167, 164 is the 20% darker color. If you saturate the color by 10%, you get 118, 222, 218, and if you desaturate by 10%, it is 162, 222, 220.

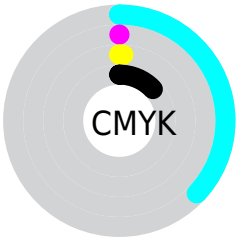
Distribution



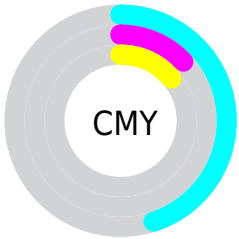
- Red (55%)
- Green (87%)
- Blue (86%)



- Red (55%)
- Yellow (71%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 222, 219 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, 222, 219 by changing the saturation by 10% instead.

140, 222, 219	140, 222, 219
255, 255, 255	112, 194, 191
197, 255, 255	84, 167, 164
226, 255, 255	56, 140, 138
	21, 114, 112
	0, 89, 88
	0, 66, 65
	0, 43, 43
	0, 21, 23
	0, 0, 0

140, 222, 219	140, 222, 219
118, 222, 218	162, 222, 220
96, 222, 217	184, 222, 221
73, 222, 217	207, 222, 221
51, 222, 216	229, 222, 222
29, 222, 215	251, 222, 223
7, 222, 214	255, 222, 224
0, 222, 214	255, 222, 225
	255, 222, 225
	255, 222, 226

Harmonies

Analogous

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

159, 221, 193

140, 222, 219

140, 220, 242

Triad

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

140, 222, 219

226, 198, 244

239, 202, 161

Complementary

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

140, 222, 219

222, 140, 143

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, 194, 174

140, 222, 219

249, 191, 222

Square

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

140, 222, 219

194, 206, 255

255, 190, 197

214, 210, 160

Rectangle

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

140, 222, 219

152, 216, 252

255, 190, 197

245, 199, 164

Sweetspot

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

140, 222, 219

227, 255, 254

144, 222, 140

111, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

140, 222, 219

143, 255, 251

140, 185, 222

101, 112, 112

0, 176, 170

0, 48, 47

Inverse Universe

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

222, 140, 143

255, 143, 147

222, 177, 140

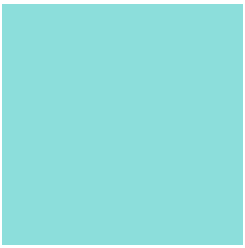
112, 101, 101

176, 0, 6

48, 0, 2

Previews

White Background

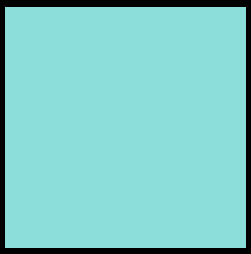


This preview shows how the RGB color 140, 222, 219 looks on a white background.

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



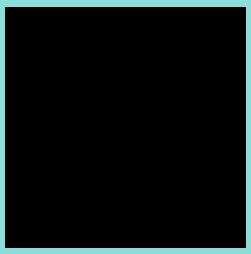
This preview shows how the RGB color 140, 222, 219 looks on a black background.

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, 222, 219 Background



This preview shows how black text looks on a background with the RGB color 140, 222, 219.

This preview shows how white text looks on a background with the RGB color 140, 222, 219.

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

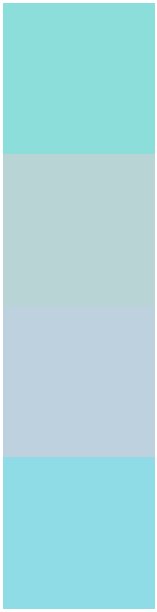
Original Color
140, 222, 219

Protanopia
210, 206, 209

Deuteranopia
219, 201, 223

Tritanopia
145, 219, 237

Trichromacy



Original Color
140, 222, 219

Protanomaly
185, 212, 213

Deuteranomaly
190, 209, 222

Tritanomaly
143, 220, 230

Monochromacy

Original Color
140, 222, 219

Achromatopsia
197, 197, 197

Achromatomaly
176, 206, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 222, 219 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, 222, 219) looks like.

```
.text, #text, p{
    color:rgb(140, 222, 219)
}
```

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, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 222, 219) }
```

Border

The CSS property to change the border of an element to RGB 140, 222, 219 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, 222, 219) }
```

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

```
.border{ border-color:rgb(140, 222, 219) }
```

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

Here you see how a box with a 4 pixel rgb(140, 222, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 222, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 222, 219); box-shadow:4px 4px 4px 4px rgb(140, 222, 219) }
```

Background

The CSS property to change the background color of an element to RGB 140, 222, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 222, 219) }
```

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

```
.background{ background-color:rgb(140,
222, 219) }
```

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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