Converting Colors

RGB(140, 236, 238)

Have a look what the booklet for RGB(140, 236, 238) contains.

Color

RGB(140, 236, 238)

Conversions

Conversions Part 1

Format	Color
Hex	8CECEE
RGB	140, 236, 238
RGB Percent	55%, 93%, 93%
CMY	0.4510, 0.0745, 0.0667
CMYK	0.41, 0.01, 0.00, 0.07
HSL	181°, 74%, 74%
HSV	181°, 41%, 93%
XYZ	56.2433, 71.7394, 91.7717
YIQ	207.5240, -57.8580, -19.7300

Conversions

Conversions Part 2

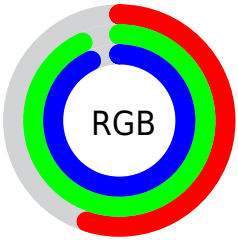
Format	Color
RYB	140, 188, 238
Decimal	9235694
CIELab	87.84, -27.83, -9.88
CIELCh	88, 29.529, 199.550
Yxy	71.7394, 0.2559, 0.3265
Android (android.graphics.Color)	4287425774 (0xFF8CECEE)
YUV	207.5240, 15.0247, -59.2185
Hunter-Lab	84.6991, -29.6930, -4.9515

Details

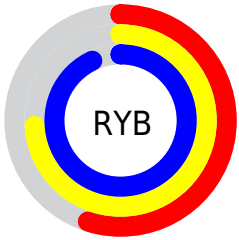
The RGB color 140, 236, 238 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 238, 142, 140, and the grayscale version is 207, 207, 207.

A 20% lighter version of the original color is 198, 255, 255, and 82, 180, 182 is the 20% darker color. If you saturate the color by 10%, you get 116, 236, 238, and if you desaturate by 10%, it is 164, 236, 238.

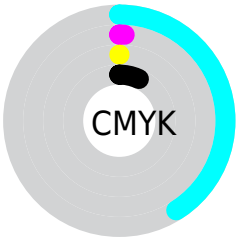
Distribution



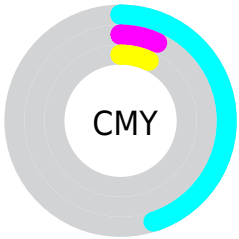
- Red (55%)
- Green (93%)
- Blue (93%)



- Red (55%)
- Yellow (74%)
- Blue (93%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 236, 238 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, 236, 238 by changing the saturation by 10% instead.

140, 236, 238

255, 255, 255

198, 255, 255

228, 255, 255

140, 236, 238

111, 208, 210

82, 180, 182

50, 153, 155

0, 127, 129

0, 101, 104

0, 77, 80

0, 54, 57

0, 34, 36

0, 1, 14

140, 236, 238	140, 236, 238
116, 236, 238	164, 236, 238
92, 235, 238	188, 237, 238
69, 235, 238	211, 237, 238
45, 234, 238	235, 238, 238
21, 234, 238	255, 238, 238
0, 233, 238	255, 239, 238
	255, 239, 238
	255, 240, 238
	255, 240, 238

Harmonies

Analogous

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

159, 236, 209

140, 236, 238

144, 233, 255

Triad

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

140, 236, 238

247, 207, 255

250, 215, 165

Complementary

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

140, 236, 238

238, 142, 140

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, 206, 179

140, 236, 238

255, 201, 231

Square

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

140, 236, 238

212, 217, 255

255, 201, 203

222, 224, 167

Rectangle

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

140, 236, 238

161, 228, 255

255, 201, 203

255, 212, 168

Sweetspot

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

140, 236, 238

224, 254, 255

140, 238, 142

110, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

140, 236, 238

130, 252, 255

140, 187, 238

108, 120, 120

0, 180, 184

0, 55, 56

Inverse Universe

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

238, 140, 236

255, 130, 252

238, 191, 140

120, 108, 120

184, 0, 180

56, 0, 55

Previews

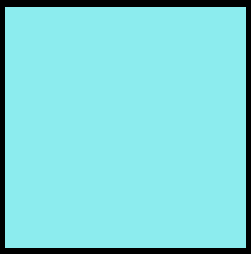
White Background

This preview shows how the RGB color 140, 236, 238 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



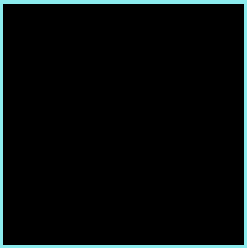
This preview shows how the RGB color 140, 236, 238 looks on a black background.

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, 236, 238 Background



This preview shows how black text looks on a background with the RGB color 140, 236, 238.

This preview shows how white text looks on a background with the RGB color 140, 236, 238.

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, 236, 238

Protanopia
221, 218, 227

Deuteranopia
229, 213, 243

Tritanopia
144, 234, 253

Trichromacy

Original Color
140, 236, 238

Protanomaly
192, 225, 231

Deuteranomaly
197, 221, 241

Tritanomaly
143, 235, 248

Monochromacy

Original Color
140, 236, 238

Achromatopsia
208, 208, 208

Achromatomaly
183, 218, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 236, 238 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, 236, 238) looks like.

```
.text, #text, p{
    color:rgb(140, 236, 238)
}
```

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, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 236, 238) }
```

Border

The CSS property to change the border of an element to RGB 140, 236, 238 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, 236, 238) }
```

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

```
.border{ border-color:rgb(140, 236, 238) }
```

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

Here you see how a box with a 4 pixel rgb(140, 236, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 236, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 236, 238); box-shadow:4px 4px 4px 4px rgb(140, 236, 238) }
```

Background

The CSS property to change the background color of an element to RGB 140, 236, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 236, 238) }
```

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

```
.background{ background-color:rgb(140,
236, 238) }
```

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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