

Converting Colors

RGB(160, 236, 217)

Have a look what the booklet for
RGB(160, 236, 217) contains.

RGB(160, 236, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(160, 236, 217)

Conversions

Conversions Part 1

Format	Color
Hex	A0ECD9
RGB	160, 236, 217
RGB Percent	63%, 93%, 85%
CMY	0.3725, 0.0745, 0.1490
CMYK	0.32, 0.00, 0.08, 0.07
HSL	165°, 67%, 78%
HSV	165°, 32%, 93%
XYZ	57.0170, 72.4742, 76.6295
YIQ	211.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

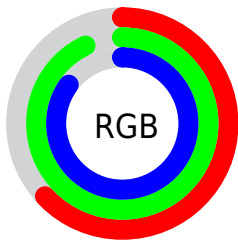
Format	Color
RYB	160, 203, 236
Decimal	10546393
CIELab	88.20, -27.43, 1.75
CIELCh	88, 27.489, 176.352
Yxy	72.4742, 0.2766, 0.3516
Android (android.graphics.Color)	4288736473 (0xFFA0ECD9)
YUV	211.1100, 2.9038, -44.8235
Hunter-Lab	85.1318, -29.4303, 6.2237

Details

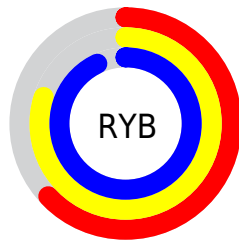
The RGB color **160, 236, 217** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **236, 160, 179**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **217, 255, 255**, and **105, 180, 162** is the 20% darker color. If you saturate the color by 10%, you get **136, 236, 211**, and if you desaturate by 10%, it is **184, 236, 223**.

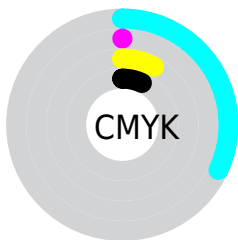
Distribution



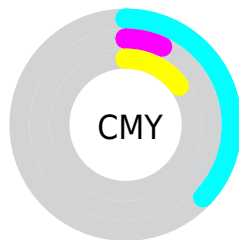
- Red (63%)
- Green (93%)
- Blue (85%)



- Red (63%)
- Yellow (80%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (37%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 160, 236, 217 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 160, 236, 217 by changing the saturation by 10% instead.

 160, 236, 217


255, 255, 255


 217, 255, 255


 246, 255, 255

 160, 236, 217

 132, 208, 189

 105, 180, 162

 79, 153, 136

 51, 127, 111

 20, 101, 86

 0, 77, 63

 0, 54, 41

 0, 33, 21

 0, 0, 0

 160, 236, 217

 160, 236, 217


 136, 236, 211

 184, 236, 223

 113, 236, 205

 207, 236, 229

 89, 236, 199

 231, 236, 235

 66, 236, 193

 254, 236, 241

 42, 236, 187

 255, 236, 246

 18, 236, 182

 255, 236, 252

 0, 236, 177

 255, 236, 255

Harmonies

Analogous

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



186, 233, 192



160, 236, 217



147, 236, 243

Triad

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



160, 236, 217



221, 216, 255



255, 210, 179

Complementary

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



160, 236, 217



236, 160, 179

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, 204, 199



160, 236, 217



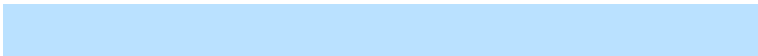
252, 207, 251

Square

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



160, 236, 217



186, 225, 255



255, 203, 225



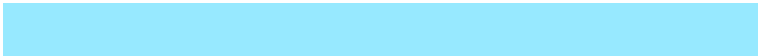
244, 218, 169

Rectangle

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



160, 236, 217



151, 233, 255



255, 203, 225



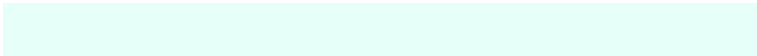
255, 207, 184

Sweetspot

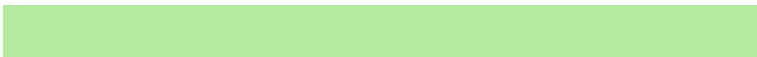
The Sweet Spot groups the original color and five complimentary colors.



160, 236, 217



230, 255, 249



179, 236, 160



112, 128, 124



0, 0, 0



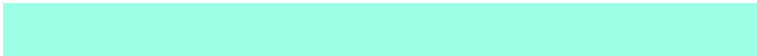
128, 128, 128

Same Dimension

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



160, 236, 217



156, 255, 230



160, 217, 236



106, 117, 114



0, 181, 136



0, 54, 40

Inverse Universe

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



236, 160, 179



255, 156, 180



236, 179, 160



117, 106, 109



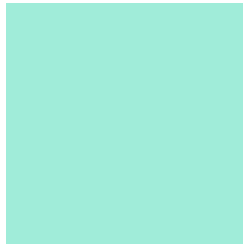
181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RGB color 160, 236, 217 looks on a white background.

Color Contrast Check

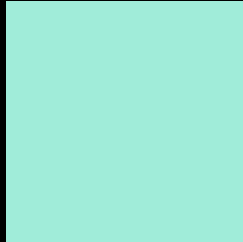
Large Text (above 18pt) WCAG AA × Fail

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 160, 236, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

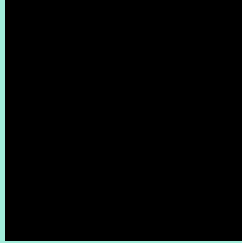
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

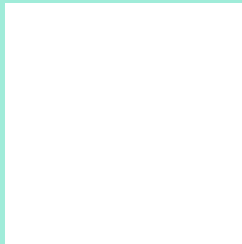
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 160, 236, 217 Background



This preview shows how black text looks on a background with the RGB color 160, 236, 217.

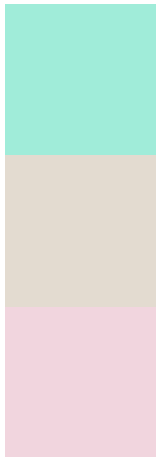


This preview shows how white text looks on a background with the RGB color 160, 236, 217.

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
160, 236, 217

Protanopia
227, 219, 208

Deuteranopia
241, 213, 222



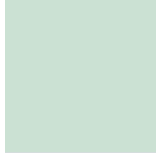
Tritanopia
167, 231, 250

Trichromacy



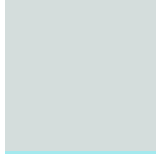
Original Color

160, 236, 217



Protanomaly

203, 225, 211



Deuteranomaly

212, 221, 220



Tritanomaly

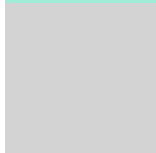
164, 233, 238

Monochromacy



Original Color

160, 236, 217



Achromatopsia

211, 211, 211



Achromatomaly

192, 220, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 236, 217 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(160, 236, 217)` looks like.

```
.text, #text, p{  
    color:rgb(160, 236, 217)  
}
```

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(160, 236, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 236, 217) }
```

Border

The CSS property to change the border of an element to RGB 160, 236, 217 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(160, 236, 217) }
```

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

```
.border{ border-color:rgb(160, 236, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 236, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 236, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 236, 217); box-shadow:4px 4px 4px 4px rgb(160, 236, 217) }
```

Background

The CSS property to change the background color of an element to RGB 160, 236, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 236, 217) }
```

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

```
.background{ background-color: rgb(160,  
236, 217) }
```

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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