

Converting Colors

RGB(153, 225, 209)

Have a look what the booklet for
RGB(153, 225, 209) contains.

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Color

RGB(153, 225, 209)

Conversions

Conversions Part 1

Format	Color
Hex	99E1D1
RGB	153, 225, 209
RGB Percent	60%, 88%, 82%
CMY	0.4000, 0.1176, 0.1804
CMYK	0.32, 0.00, 0.07, 0.12
HSL	167°, 55%, 74%
HSV	167°, 32%, 88%
XYZ	51.5707, 65.2262, 70.1934
YIQ	201.6480, -37.7760, -20.2400

Conversions

Conversions Part 2

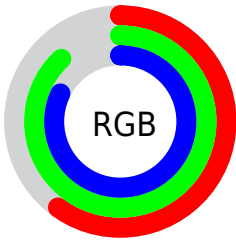
Format	Color
RYB	153, 194, 225
Decimal	10084817
CIELab	84.60, -25.81, 0.68
CIELCh	85, 25.820, 178.500
Yxy	65.2262, 0.2758, 0.3488
Android (android.graphics.Color)	4288274897 (0xFF99E1D1)
YUV	201.6480, 3.6245, -42.6643
Hunter-Lab	80.7627, -27.3543, 5.0031

Details

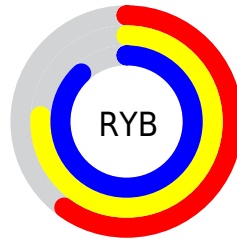
The RGB color **153, 225, 209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 153, 169**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **209, 255, 255**, and **99, 169, 155** is the 20% darker color. If you saturate the color by 10%, you get **131, 225, 204**, and if you desaturate by 10%, it is **176, 225, 214**.

Distribution



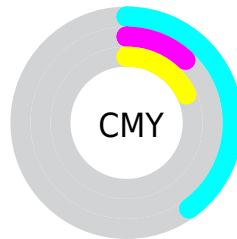
- Red (60%)
- Green (88%)
- Blue (82%)



- Red (60%)
- Yellow (76%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 153, 225, 209 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 153, 225, 209 by changing the saturation by 10% instead.


 153, 225, 209

 153, 225, 209


255, 255, 255


 126, 197, 181

 209, 255, 255

 99, 169, 155

 238, 255, 255

 72, 143, 129

 45, 117, 104

 12, 92, 80

 0, 68, 57

 0, 45, 35

 0, 25, 14

 0, 0, 0

 153, 225, 209

 153, 225, 209

 131, 225, 204

 176, 225, 214

 108, 225, 199

 198, 225, 219

 86, 225, 194

 220, 225, 224

 63, 225, 189

 243, 225, 229

 41, 225, 184

 255, 225, 234

 18, 225, 179

 255, 225, 239

 0, 225, 175

 255, 225, 244

 255, 225, 249

 255, 225, 254

Harmonies

Analogous

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



177, 222, 185



153, 225, 209



142, 224, 233

Triad

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



153, 225, 209



214, 205, 254



251, 201, 170

Complementary

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



153, 225, 209



225, 153, 169

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, 195, 189



153, 225, 209



242, 198, 237

Square

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



153, 225, 209



181, 214, 255



255, 194, 213



231, 209, 163

Rectangle

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



153, 225, 209



147, 222, 247



255, 194, 213



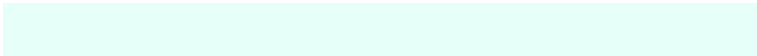
255, 199, 176

Sweetspot

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



153, 225, 209



230, 255, 249



170, 225, 153



112, 128, 124



0, 0, 0



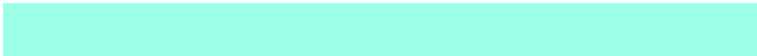
128, 128, 128

Same Dimension

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



153, 225, 209



158, 255, 233



153, 206, 225



101, 112, 110



0, 176, 137



0, 48, 38

Inverse Universe

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



225, 153, 169



255, 158, 180



225, 172, 153



112, 101, 103



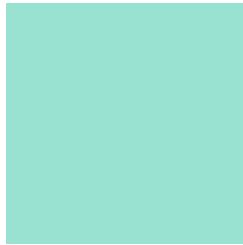
176, 0, 39



48, 0, 11

Previews

White Background



This preview shows how the RGB color 153, 225, 209 looks on a white background.

Color Contrast Check

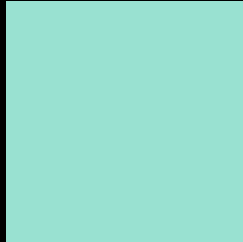
Large Text (above 18pt) WCAG AA × Fail

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 153, 225, 209 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

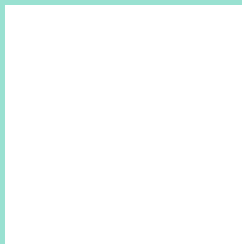
Any Text WCAG AAA ✓ Pass

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

RGB 153, 225, 209 Background



This preview shows how black text looks on a background with the RGB color 153, 225, 209.



This preview shows how white text looks on a background with the RGB color 153, 225, 209.

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





Tritanopia
160, 221, 238

Trichromacy



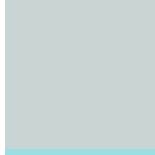
Original Color

153, 225, 209



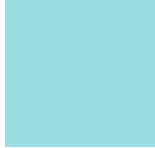
Protanomaly

193, 215, 203



Deuteranomaly

201, 212, 212



Tritanomaly

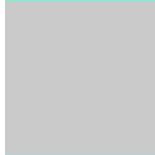
157, 222, 227

Monochromacy



Original Color

153, 225, 209



Achromatopsia

202, 202, 202



Achromatomaly

184, 210, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 225, 209 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(153, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(153, 225, 209)  
}
```

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(153, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 225, 209) }
```

Border

The CSS property to change the border of an element to RGB 153, 225, 209 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(153, 225, 209) }
```

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

```
.border{ border-color:rgb(153, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(153, 225,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 153, 225, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 225, 209) }
```

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

```
.background{ background-color: rgb(153,  
225, 209) }
```

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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