

Converting Colors

RGB(153, 225, 200)

Have a look what the booklet for
RGB(153, 225, 200) contains.

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Color

RGB(153, 225, 200)

Conversions

Conversions Part 1

Format	Color
Hex	99E1C8
RGB	153, 225, 200
RGB Percent	60%, 88%, 78%
CMY	0.4000, 0.1176, 0.2157
CMYK	0.32, 0.00, 0.11, 0.12
HSL	159°, 55%, 74%
HSV	159°, 32%, 88%
XYZ	50.4874, 64.7929, 64.4889
YIQ	200.6220, -34.8870, -23.0390

Conversions

Conversions Part 2

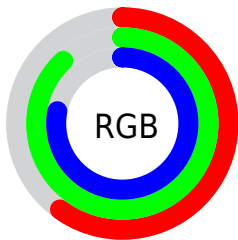
Format	Color
RYB	153, 197, 225
Decimal	10084808
CIELab	84.38, -27.72, 5.10
CIElCh	84, 28.190, 169.569
Yxy	64.7929, 0.2808, 0.3604
Android (android.graphics.Color)	4288274888 (0xFF99E1C8)
YUV	200.6220, -0.3066, -41.7645
Hunter-Lab	80.4940, -28.9059, 8.8448

Details

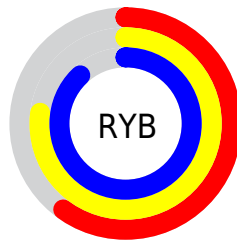
The RGB color **153, 225, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 153, 178**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **209, 255, 255**, and **99, 169, 146** is the 20% darker color. If you saturate the color by 10%, you get **131, 225, 192**, and if you desaturate by 10%, it is **176, 225, 208**.

Distribution



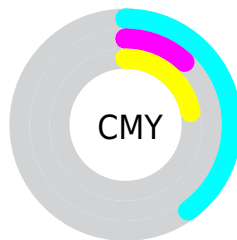
- Red (60%)
- Green (88%)
- Blue (78%)



- Red (60%)
- Yellow (77%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 153, 225, 200 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, 200 by changing the saturation by 10% instead.


 153, 225, 200

 153, 225, 200


255, 255, 255

 126, 197, 173

 209, 255, 255

 99, 169, 146

 238, 255, 255

 73, 143, 120

 46, 117, 96

 14, 92, 72

 0, 68, 50


 0, 45, 29

 0, 24, 3

 0, 0, 0

 153, 225, 200

 153, 225, 200

 131, 225, 192

 176, 225, 208

 108, 225, 184

 198, 225, 216

 86, 225, 177

 220, 225, 223

 63, 225, 169

 243, 225, 231

 41, 225, 161

 255, 225, 239

 18, 225, 153

 255, 225, 247

 0, 225, 147

 255, 225, 255

 255, 225, 255

Harmonies

Analogous

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



182, 221, 175



153, 225, 200



135, 225, 227

Triad

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



153, 225, 200



202, 207, 255



255, 197, 171

Complementary

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



153, 225, 200



225, 153, 178

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, 192, 194



153, 225, 200



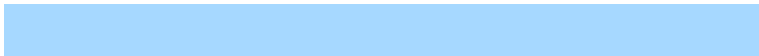
236, 198, 245

Square

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



153, 225, 200



166, 216, 255



255, 192, 221



239, 206, 159

Rectangle

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



153, 225, 200



135, 224, 243



255, 192, 221



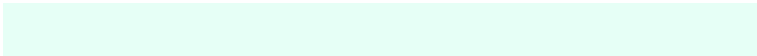
255, 195, 178

Sweetspot

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



153, 225, 200



230, 255, 246



178, 225, 153



112, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



153, 225, 200



158, 255, 221



153, 214, 225



101, 112, 108



0, 176, 115



0, 48, 32

Inverse Universe

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



225, 153, 178



255, 158, 192



225, 164, 153



112, 101, 105



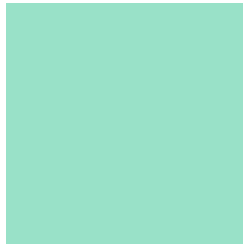
176, 0, 61



48, 0, 17

Previews

White Background



This preview shows how the RGB color 153, 225, 200 looks on a white background.

Color Contrast Check

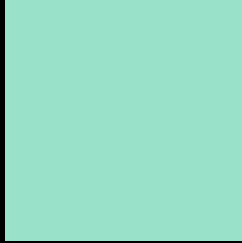
Large Text (above 18pt) WCAG AA × Fail

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, 200 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

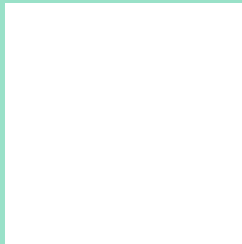
Any Text WCAG AAA ✓ Pass

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

RGB 153, 225, 200 Background



This preview shows how black text looks on a background with the RGB color 153, 225, 200.

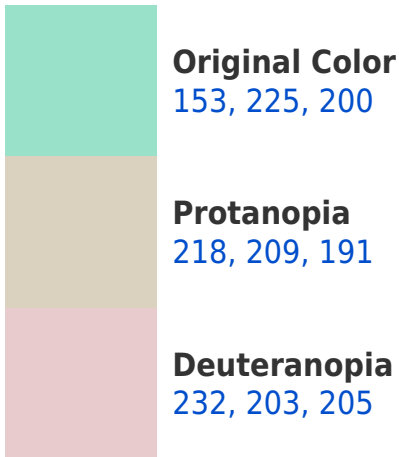


This preview shows how white text looks on a background with the RGB color 153, 225, 200.

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
161, 220, 237

Trichromacy



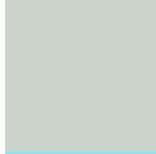
Original Color

153, 225, 200



Protanomaly

194, 215, 194



Deuteranomaly

203, 211, 203



Tritanomaly

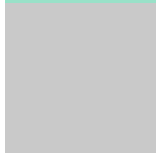
158, 222, 224

Monochromacy



Original Color

153, 225, 200



Achromatopsia

201, 201, 201



Achromatomaly

184, 210, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 225, 200 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 225, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 225, 200) }
```

Border

The CSS property to change the border of an element to RGB 153, 225, 200 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, 200) }
```

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

```
.border{ border-color:rgb(153, 225, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(153, 225,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 153, 225, 200 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, 200) }
```

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

```
.background{ background-color: rgb(153,  
225, 200) }
```

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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