

Converting Colors

RGB(153, 232, 220)

Have a look what the booklet for
RGB(153, 232, 220) contains.

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Color

RGB(153, 232, 220)

Conversions

Conversions Part 1

Format	Color
Hex	99E8DC
RGB	153, 232, 220
RGB Percent	60%, 91%, 86%
CMY	0.4000, 0.0902, 0.1373
CMYK	0.34, 0.00, 0.05, 0.09
HSL	171°, 63%, 75%
HSV	171°, 34%, 91%
XYZ	54.9117, 69.6528, 78.2603
YIQ	207.0110, -43.2320, -20.4800

Conversions

Conversions Part 2

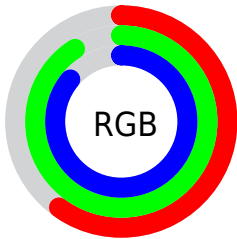
Format	Color
RYB	153, 196, 232
Decimal	10086620
CIELab	86.83, -26.78, -1.87
CIELCh	87, 26.848, 183.986
Yxy	69.6528, 0.2707, 0.3434
Android (android.graphics.Color)	4288276700 (0xFF99E8DC)
YUV	207.0110, 6.4036, -47.3676
Hunter-Lab	83.4583, -28.6071, 2.8235

Details

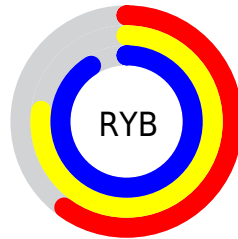
The RGB color **153, 232, 220** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **232, 153, 165**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **210, 255, 255**, and **98, 176, 165** is the 20% darker color. If you saturate the color by 10%, you get **130, 232, 216**, and if you desaturate by 10%, it is **176, 232, 224**.

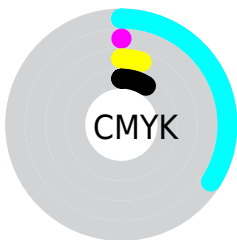
Distribution



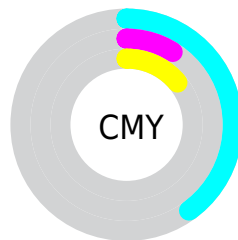
- Red (60%)
- Green (91%)
- Blue (86%)



- Red (60%)
- Yellow (77%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 232, 220 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, 232, 220 by changing the saturation by 10% instead.


 153, 232, 220

 153, 232, 220


255, 255, 255


 125, 204, 192


 210, 255, 255

 98, 176, 165

 239, 255, 255


 71, 149, 139

 42, 123, 113

 1, 98, 89

 0, 74, 66

 0, 51, 44

 0, 31, 23

 0, 0, 0

 153, 232, 220

 153, 232, 220

 130, 232, 216

 176, 232, 224

 107, 232, 213

 199, 232, 227

 83, 232, 209

 223, 232, 231

 60, 232, 206

 246, 232, 234

 37, 232, 202

 255, 232, 238

 14, 232, 199

 255, 232, 241

 0, 232, 197

 255, 232, 245

 255, 232, 248

 255, 232, 252

Harmonies

Analogous

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



176, 230, 194



153, 232, 220



145, 231, 245

Triad

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



153, 232, 220



226, 210, 255



255, 208, 172

Complementary

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



153, 232, 220



232, 153, 165

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, 202, 190



153, 232, 220



253, 202, 240

Square

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



153, 232, 220



192, 219, 255



255, 199, 215



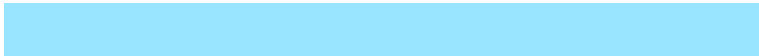
233, 217, 167

Rectangle

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



153, 232, 220



153, 228, 255



255, 199, 215



255, 206, 177

Sweetspot

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



153, 232, 220



230, 255, 251



166, 232, 153



112, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



153, 232, 220



150, 255, 239



153, 206, 232



103, 115, 113



0, 179, 151



0, 51, 43

Inverse Universe

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



232, 153, 165



255, 150, 166



232, 179, 153



115, 103, 105



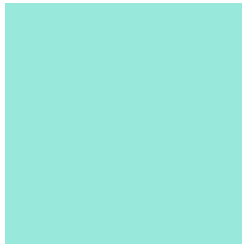
179, 0, 27



51, 0, 8

Previews

White Background



This preview shows how the RGB color 153, 232, 220 looks on a white background.

Color Contrast Check

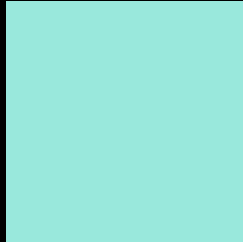
Large Text (above 18pt) WCAG AA × Fail

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, 232, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

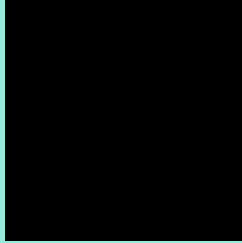
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

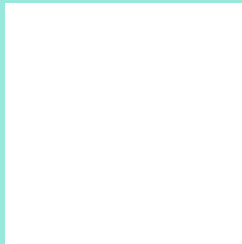
Any Text WCAG AAA ✓ Pass

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

RGB 153, 232, 220 Background



This preview shows how black text looks on a background with the RGB color 153, 232, 220.



This preview shows how white text looks on a background with the RGB color 153, 232, 220.

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





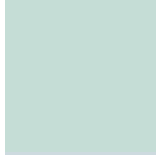
Tritanopia
159, 228, 246

Trichromacy



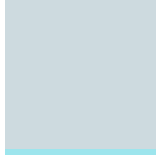
Original Color

153, 232, 220



Protanomaly

197, 221, 214



Deuteranomaly

205, 218, 223



Tritanomaly

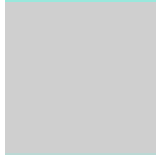
157, 229, 237

Monochromacy



Original Color

153, 232, 220



Achromatopsia

207, 207, 207



Achromatomaly

187, 216, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 232, 220 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, 232, 220)` looks like.

```
.text, #text, p{  
    color:rgb(153, 232, 220)  
}
```

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, 232, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 232, 220) }
```

Border

The CSS property to change the border of an element to RGB 153, 232, 220 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, 232, 220) }
```

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

```
.border{ border-color:rgb(153, 232, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 232, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 232, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 232, 220);  
box-shadow:4px 4px 4px 4px rgb(153, 232,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 153, 232, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 232, 220) }
```

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

```
.background{ background-color: rgb(153,  
232, 220) }
```

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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