

Converting Colors

RGB(155, 226, 185)

Have a look what the booklet for
RGB(155, 226, 185) contains.

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Color

RGB(155, 226, 185)

Conversions

Conversions Part 1

Format	Color
Hex	9BE2B9
RGB	155, 226, 185
RGB Percent	61%, 89%, 73%
CMY	0.3922, 0.1137, 0.2745
CMYK	0.31, 0.00, 0.18, 0.11
HSL	145°, 55%, 75%
HSV	145°, 31%, 89%
XYZ	49.4709, 64.8641, 55.8116
YIQ	200.0970, -29.1550, -27.8030

Conversions

Conversions Part 2

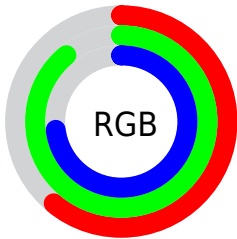
Format	Color
RYB	155, 205, 226
Decimal	10216121
CIELab	84.41, -30.62, 13.07
CIELCh	84, 33.290, 156.890
Yxy	64.8641, 0.2908, 0.3812
Android (android.graphics.Color)	4288406201 (0xFF9BE2B9)
YUV	200.0970, -7.4428, -39.5501
Hunter-Lab	80.5382, -31.2977, 15.2898

Details

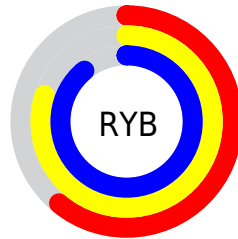
The RGB color **155, 226, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 155, 196**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **211, 255, 241**, and **101, 170, 132** is the 20% darker color. If you saturate the color by 10%, you get **132, 226, 172**, and if you desaturate by 10%, it is **178, 226, 198**.

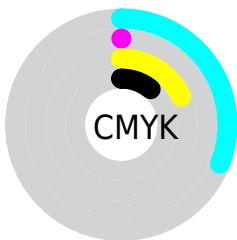
Distribution



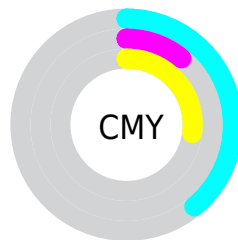
- Red (61%)
- Green (89%)
- Blue (73%)



- Red (61%)
- Yellow (80%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 226, 185 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 155, 226, 185 by changing the saturation by 10% instead.


 155, 226, 185


255, 255, 255


 211, 255, 241

 240, 255, 255

 155, 226, 185

 128, 198, 158

 101, 170, 132

 75, 144, 107

 49, 118, 82

 20, 93, 59

 0, 68, 37

 0, 45, 17

 0, 24, 0

 0, 0, 0

 155, 226, 185

 155, 226, 185

 132, 226, 172

 178, 226, 198

 110, 226, 159

 200, 226, 211

 87, 226, 146

 223, 226, 224

 65, 226, 133

 245, 226, 237

 42, 226, 120

 255, 226, 250

 19, 226, 107

 255, 226, 255

 0, 226, 95

Harmonies

Analogous

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



191, 220, 160



155, 226, 185



124, 228, 217

Triad

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



155, 226, 185



181, 211, 255



255, 191, 174

Complementary

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



155, 226, 185



226, 155, 196

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, 187, 204



155, 226, 185



225, 200, 255

Square

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



155, 226, 185



137, 221, 255



255, 191, 236



254, 200, 154

Rectangle

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



155, 226, 185



113, 227, 238



255, 191, 236



255, 189, 184

Sweetspot

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



155, 226, 185



232, 255, 242



196, 226, 155



113, 128, 119



0, 0, 0



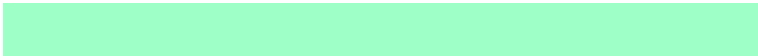
128, 128, 128

Same Dimension

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



155, 226, 185



158, 255, 199



155, 226, 220



101, 112, 106



0, 176, 74



0, 48, 20

Inverse Universe

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



226, 155, 196



255, 158, 214



226, 155, 161



112, 101, 107



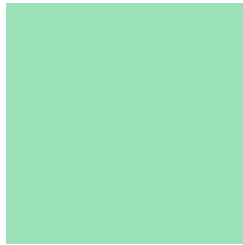
176, 0, 102



48, 0, 28

Previews

White Background



This preview shows how the RGB color 155, 226, 185 looks on a white background.

Color Contrast Check

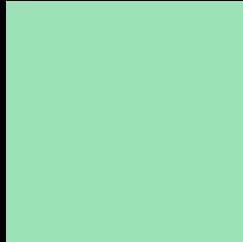
Large Text (above 18pt) WCAG AA × Fail

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 155, 226, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

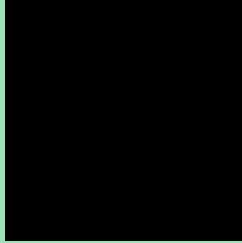
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

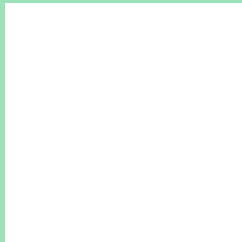
Any Text WCAG AAA ✓ Pass

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

RGB 155, 226, 185 Background



This preview shows how black text looks on a background with the RGB color 155, 226, 185.

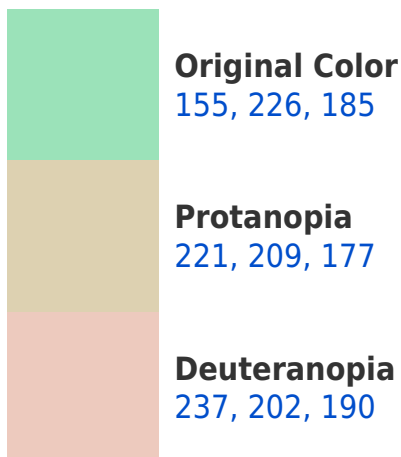



This preview shows how white text looks on a background with the RGB color 155, 226, 185.

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
166, 219, 236

Trichromacy



Original Color

155, 226, 185



Protanomaly

197, 215, 180



Deuteranomaly

207, 211, 188



Tritanomaly

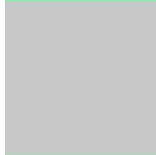
162, 222, 217

Monochromacy



Original Color

155, 226, 185



Achromatopsia

200, 200, 200



Achromatomaly

184, 209, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 226, 185 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(155, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 185)  
}
```

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(155, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 185) }
```

Border

The CSS property to change the border of an element to RGB 155, 226, 185 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(155, 226, 185) }
```

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

```
.border{ border-color:rgb(155, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 226,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 155, 226, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 226, 185) }
```

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

```
.background{ background-color: rgb(155,  
226, 185) }
```

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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