

Converting Colors

RGB(155, 255, 236)

Have a look what the booklet for
RGB(155, 255, 236) contains.

RGB(155, 255, 236)	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(155, 255, 236)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFEC
RGB	155, 255, 236
RGB Percent	61%, 100%, 93%
CMY	0.3922, 0.0000, 0.0745
CMYK	0.39, 0.00, 0.07, 0.00
HSL	169°, 100%, 80%
HSV	169°, 39%, 100%
XYZ	64.4179, 84.5447, 92.2805
YIQ	222.9340, -53.5010, -27.1090

Conversions

Conversions Part 2

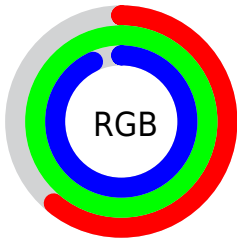
Format	Color
RYB	155, 210, 255
Decimal	10223596
CIELab	93.69, -33.59, -0.15
CIElCh	94, 33.590, 180.263
Yxy	84.5447, 0.2670, 0.3505
Android (android.graphics.Color)	4288413676 (0xFF9BFFEC)
YUV	222.9340, 6.4415, -59.5781
Hunter-Lab	91.9482, -35.8542, 4.8595

Details

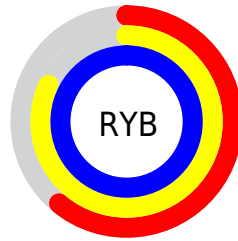
The RGB color **155, 255, 236** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 155, 174**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **213, 255, 255**, and **98, 198, 180** is the 20% darker color. If you saturate the color by 10%, you get **130, 255, 231**, and if you desaturate by 10%, it is **180, 255, 241**.

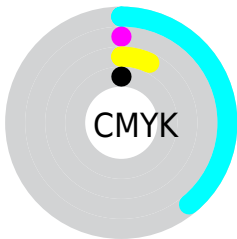
Distribution



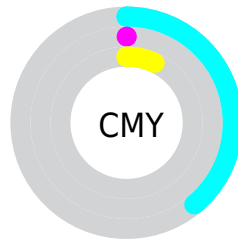
- Red (61%)
- Green (100%)
- Blue (93%)



- Red (61%)
- Yellow (82%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 255, 236 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, 255, 236 by changing the saturation by 10% instead.

 155, 255, 236


255, 255, 255


 213, 255, 255


 243, 255, 255


 155, 255, 236

 126, 226, 208

 98, 198, 180

 68, 170, 153

 35, 143, 128

 0, 117, 103

 0, 92, 79

 0, 68, 56

 0, 45, 34

 0, 22, 13

■ 155, 255, 236

■ 155, 255, 236

■ 130, 255, 231

■ 180, 255, 241

■ 104, 255, 226

■ 206, 255, 246

■ 79, 255, 221

■ 232, 255, 251

■ 53, 255, 217

255, 255, 255

■ 27, 255, 212

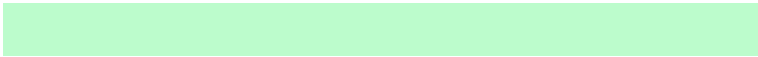
■ 2, 255, 207

■ 0, 255, 207

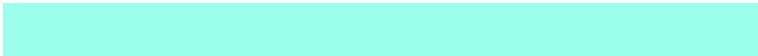
Harmonies

Analogous

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



188, 252, 204



155, 255, 236



140, 254, 255

Triad

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



155, 255, 236



242, 228, 255



255, 224, 182

Complementary

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



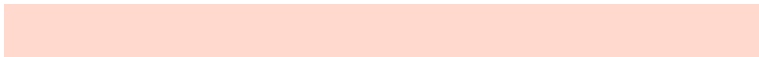
155, 255, 236



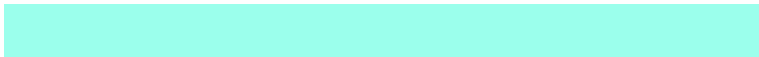
255, 155, 174

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, 216, 206



155, 255, 236



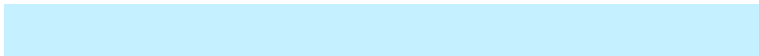
255, 218, 255

Square

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



155, 255, 236



197, 240, 255



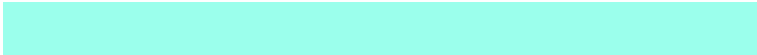
255, 213, 238



255, 235, 172

Rectangle

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



155, 255, 236



147, 251, 255



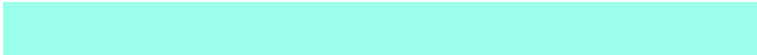
255, 213, 238



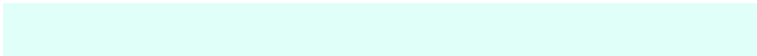
255, 221, 188

Sweetspot

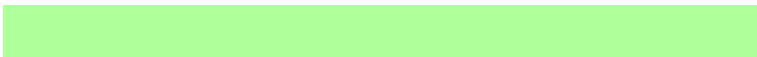
The Sweet Spot groups the original color and five complimentary colors.



155, 255, 236



224, 255, 249



175, 255, 155



110, 128, 124



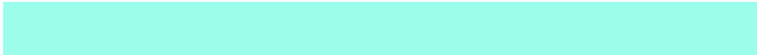
0, 0, 0



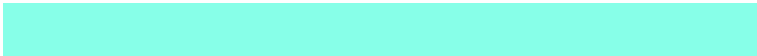
128, 128, 128

Same Dimension

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



155, 255, 236



135, 255, 232



155, 225, 255



115, 128, 125



0, 191, 155



0, 64, 52

Inverse Universe

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



255, 155, 174



255, 135, 158



255, 185, 155



128, 115, 117



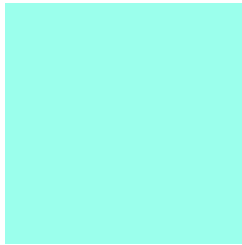
191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RGB color 155, 255, 236 looks on a white background.

Color Contrast Check

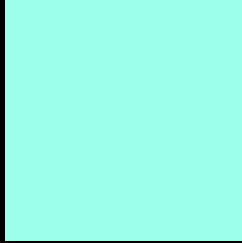
Large Text (above 18pt) WCAG AA × Fail

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, 255, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

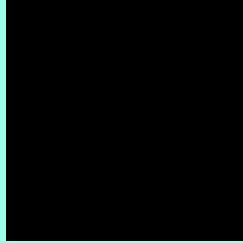
Any Text WCAG AA ✓ Pass

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, 255, 236 Background



This preview shows how black text looks on a background with the RGB color 155, 255, 236.

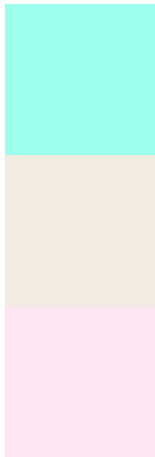


This preview shows how white text looks on a background with the RGB color 155, 255, 236.

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
155, 255, 236

Protanopia
242, 235, 225

Deuteranopia
255, 229, 241



Tritanopia
201, 244, 255

Trichromacy



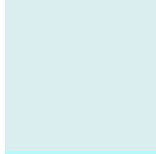
Original Color

155, 255, 236



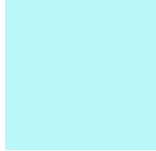
Protanomaly

210, 242, 229



Deuteranomaly

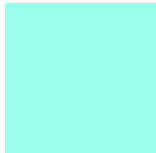
219, 238, 239



Tritanomaly

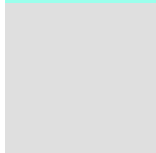
184, 248, 248

Monochromacy



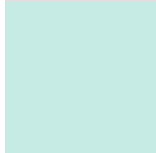
Original Color

155, 255, 236



Achromatopsia

223, 223, 223



Achromatomaly

198, 235, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 255, 236 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, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 236)  
}
```

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, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 236) }
```

Border

The CSS property to change the border of an element to RGB 155, 255, 236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

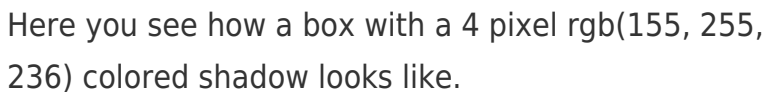
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 255, 236) }
```

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

```
.border{ border-color:rgb(155, 255, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 255, 236); box-shadow:4px 4px 4px 4px rgb(155, 255, 236) }
```

Background

The CSS property to change the background color of an element to RGB 155, 255, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 236) }
```

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

```
.background{ background-color: rgb(155,  
255, 236) }
```

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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