

Converting Colors

RGB(153, 255, 237)

Have a look what the booklet for
RGB(153, 255, 237) contains.

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Color

RGB(153, 255, 237)

Conversions

Conversions Part 1

Format	Color
Hex	99FFED
RGB	153, 255, 237
RGB Percent	60%, 100%, 93%
CMY	0.4000, 0.0000, 0.0706
CMYK	0.40, 0.00, 0.07, 0.00
HSL	169°, 100%, 80%
HSV	169°, 40%, 100%
XYZ	64.1829, 84.4067, 93.0301
YIQ	222.4500, -55.0140, -27.2220

Conversions

Conversions Part 2

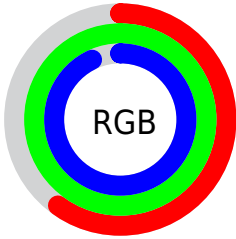
Format	Color
RYB	153, 209, 255
Decimal	10092525
CIELab	93.63, -33.87, -0.77
CIELCh	94, 33.876, 181.300
Yxy	84.4067, 0.2656, 0.3493
Android (android.graphics.Color)	4288282605 (0xFF99FFED)
YUV	222.4500, 7.1731, -60.9077
Hunter-Lab	91.8731, -36.0772, 4.2746

Details

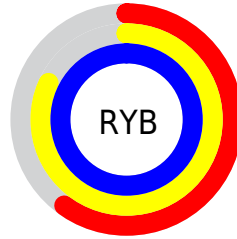
The RGB color **153, 255, 237** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 153, 171**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **211, 255, 255**, and **95, 198, 181** is the 20% darker color. If you saturate the color by 10%, you get **128, 255, 233**, and if you desaturate by 10%, it is **179, 255, 242**.

Distribution



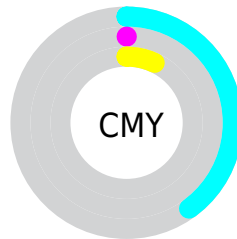
- Red (60%)
- Green (100%)
- Blue (93%)



- Red (60%)
- Yellow (82%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 255, 237 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, 255, 237 by changing the saturation by 10% instead.

 153, 255, 237


255, 255, 255


 211, 255, 255


 241, 255, 255

 153, 255, 237

 124, 226, 209

 95, 198, 181

 66, 170, 154

 30, 143, 128

 0, 117, 103

 0, 92, 79

 0, 68, 57

 0, 45, 35

 0, 21, 14

■ 153, 255, 237

■ 153, 255, 237

■ 128, 255, 233

■ 179, 255, 242

■ 102, 255, 228

■ 204, 255, 246

■ 77, 255, 224

■ 230, 255, 251

■ 51, 255, 219

255, 255, 255

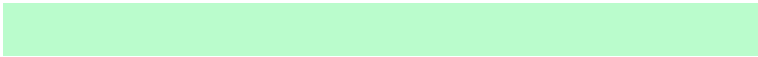
■ 25, 255, 215

■ 0, 255, 210

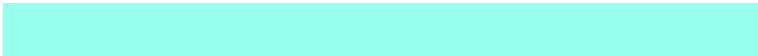
Harmonies

Analogous

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



186, 252, 204



153, 255, 237



138, 254, 255

Triad

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



153, 255, 237



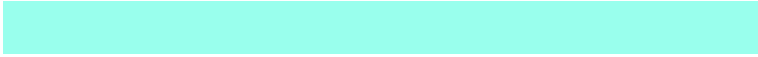
244, 228, 255



255, 224, 180

Complementary

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



153, 255, 237



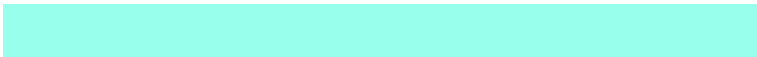
255, 153, 171

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, 215, 204



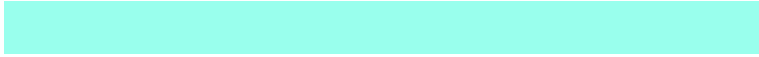
153, 255, 237



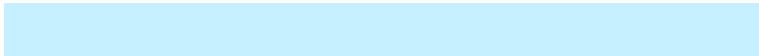
255, 218, 255

Square

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



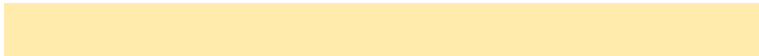
153, 255, 237



198, 239, 255



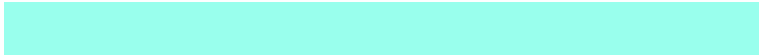
255, 213, 236



255, 235, 171

Rectangle

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



153, 255, 237



146, 251, 255



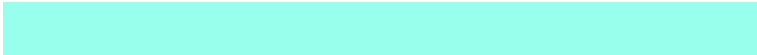
255, 213, 236



255, 221, 187

Sweetspot

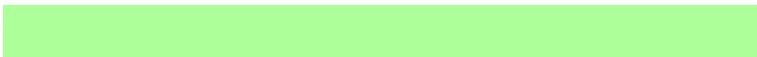
The Sweet Spot groups the original color and five complimentary colors.



153, 255, 237



224, 255, 250



172, 255, 153



110, 128, 124



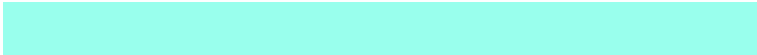
0, 0, 0



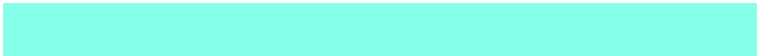
128, 128, 128

Same Dimension

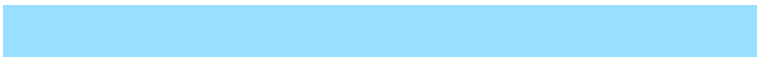
The Same Dimension uses a secret algorithm to generate beautiful new colors.



153, 255, 237



133, 255, 233



153, 223, 255



115, 128, 125



0, 191, 158



0, 64, 53

Inverse Universe

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



255, 153, 171



255, 133, 154



255, 185, 153



128, 115, 117



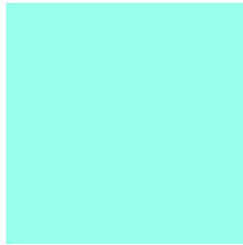
191, 0, 34



64, 0, 11

Previews

White Background



This preview shows how the RGB color 153, 255, 237 looks on a white background.

Color Contrast Check

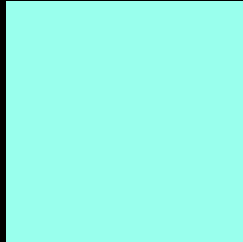
Large Text (above 18pt) WCAG AA × Fail

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, 255, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

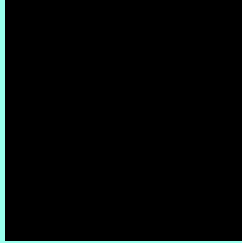
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

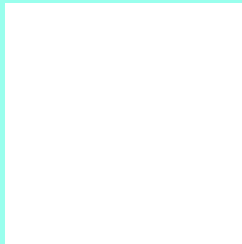
Any Text WCAG AAA ✓ Pass

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

RGB 153, 255, 237 Background



This preview shows how black text looks on a background with the RGB color 153, 255, 237.

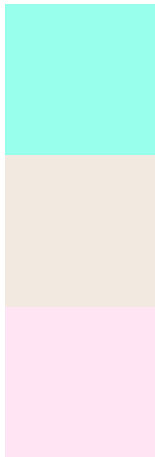


This preview shows how white text looks on a background with the RGB color 153, 255, 237.

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
153, 255, 237

Protanopia
242, 234, 225

Deuteranopia
255, 228, 243



Tritanopia
200, 244, 255

Trichromacy



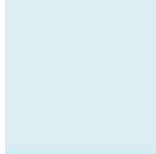
Original Color

153, 255, 237



Protanomaly

210, 242, 229



Deuteranomaly

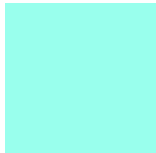
218, 238, 241



Tritanomaly

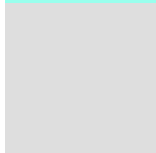
183, 248, 248

Monochromacy



Original Color

153, 255, 237



Achromatopsia

222, 222, 222



Achromatomaly

197, 234, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 255, 237 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, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 237)  
}
```

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, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 237) }
```

Border

The CSS property to change the border of an element to RGB 153, 255, 237 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, 255, 237) }
```

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

```
.border{ border-color:rgb(153, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 153, 255, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 237) }
```

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

```
.background{ background-color: rgb(153,  
255, 237) }
```

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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