

Converting Colors

RGB(153, 255, 243)

Have a look what the booklet for
RGB(153, 255, 243) contains.

RGB(153, 255, 243)	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(153, 255, 243)

Conversions

Conversions Part 1

Format	Color
Hex	99FFF3
RGB	153, 255, 243
RGB Percent	60%, 100%, 95%
CMY	0.4000, 0.0000, 0.0471
CMYK	0.40, 0.00, 0.05, 0.00
HSL	173°, 100%, 80%
HSV	173°, 40%, 100%
XYZ	65.0745, 84.7634, 97.7252
YIQ	223.1340, -56.9400, -25.3560

Conversions

Conversions Part 2

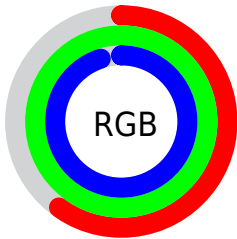
Format	Color
R_{YB}	153, 207, 255
Decimal	10092531
CIE _{Lab}	93.78, -32.51, -3.64
CIE _{LCh}	94, 32.713, 186.394
Yxy	84.7634, 0.2629, 0.3424
Android (android.graphics.Color)	4288282611 (0xFF99FF3)
YUV	223.1340, 9.7939, -61.5075
Hunter-Lab	92.0670, -34.9505, 1.5131

Details

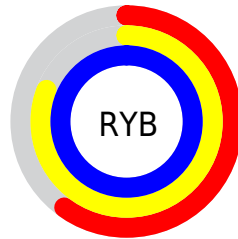
The RGB color **153, 255, 243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 153, 165**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **211, 255, 255**, and **95, 198, 187** is the 20% darker color. If you saturate the color by 10%, you get **128, 255, 240**, and if you desaturate by 10%, it is **179, 255, 246**.

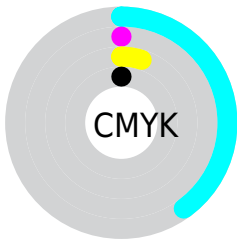
Distribution



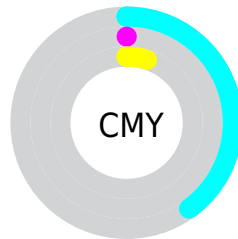
- Red (60%)
- Green (100%)
- Blue (95%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 255, 243 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, 243 by changing the saturation by 10% instead.

 153, 255, 243


255, 255, 255


 211, 255, 255


 241, 255, 255


 153, 255, 243


 124, 226, 215

 95, 198, 187

 65, 170, 160

 28, 144, 134

 0, 117, 109

 0, 92, 84

 0, 68, 61

 0, 45, 40

 0, 22, 19

■ 153, 255, 243

■ 153, 255, 243

■ 128, 255, 240

■ 179, 255, 246

■ 102, 255, 237

■ 204, 255, 249

■ 77, 255, 234

■ 230, 255, 252

■ 51, 255, 231

255, 255, 255

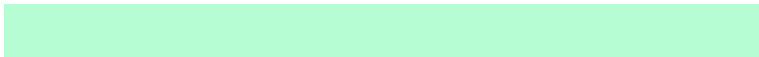
■ 25, 255, 228

■ 0, 255, 225

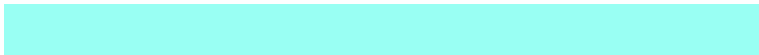
Harmonies

Analogous

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



183, 253, 211



153, 255, 243



144, 253, 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, 243



251, 227, 255



255, 227, 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, 243



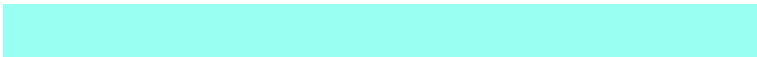
255, 153, 165

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, 218, 201



153, 255, 243



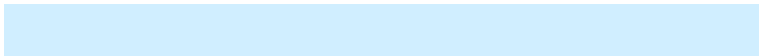
255, 218, 255

Square

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



153, 255, 243



208, 238, 255



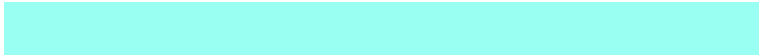
255, 214, 231



253, 237, 174

Rectangle

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



153, 255, 243



156, 250, 255



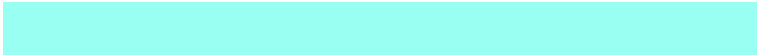
255, 214, 231



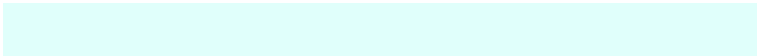
255, 223, 186

Sweetspot

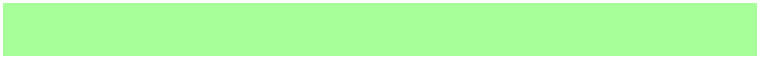
The Sweet Spot groups the original color and five complimentary colors.



153, 255, 243



224, 255, 251



167, 255, 153



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

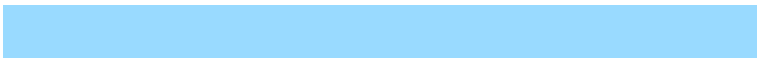
The Same Dimension uses a secret algorithm to generate beautiful new colors.



153, 255, 243



133, 255, 241



153, 218, 255



115, 128, 126



0, 191, 169



0, 64, 56

Inverse Universe

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



255, 153, 165



255, 133, 147



255, 190, 153



128, 115, 116



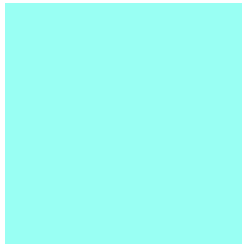
191, 0, 23



64, 0, 8

Previews

White Background



This preview shows how the RGB color 153, 255, 243 looks on a white background.

Color Contrast Check

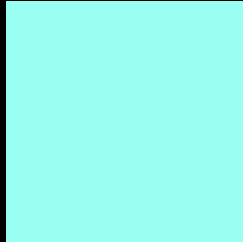
Large Text (above 18pt) WCAG AA × Fail

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, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

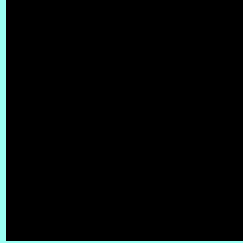
Any Text WCAG AA ✓ Pass

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, 243 Background



This preview shows how black text looks on a background with the RGB color 153, 255, 243.



This preview shows how white text looks on a background with the RGB color 153, 255, 243.

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



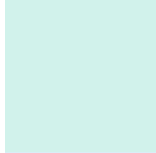


Tritanopia
201, 244, 255

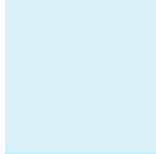
Trichromacy



Original Color
153, 255, 243



Protanomaly
209, 242, 235

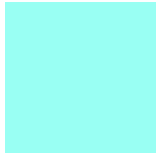


Deuteranomaly
217, 238, 247

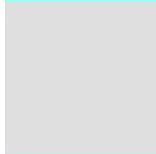


Tritanomaly
184, 248, 251

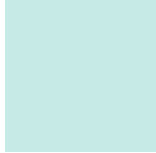
Monochromacy



Original Color
153, 255, 243



Achromatopsia
223, 223, 223



Achromatomaly
198, 235, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 255, 243 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 243) }
```

Border

The CSS property to change the border of an element to RGB 153, 255, 243 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, 243) }
```

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

```
.border{ border-color:rgb(153, 255, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 153, 255, 243 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, 243) }
```

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

```
.background{ background-color: rgb(153,  
255, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor