

Converting Colors

RGB(103, 249, 222)

Have a look what the booklet for
RGB(103, 249, 222) contains.

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Color

RGB(103, 249, 222)

Conversions

Conversions Part 1

Format	Color
Hex	67F9DE
RGB	103, 249, 222
RGB Percent	40%, 98%, 87%
CMY	0.5961, 0.0235, 0.1294
CMYK	0.59, 0.00, 0.11, 0.02
HSL	169°, 92%, 69%
HSV	169°, 59%, 98%
XYZ	52.6540, 75.9089, 80.9840
YIQ	202.2680, -78.3490, -39.3490

Conversions

Conversions Part 2

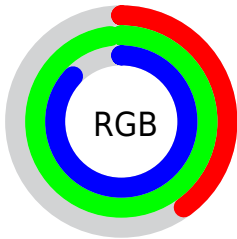
Format	Color
RYB	103, 183, 249
Decimal	6814174
CIELab	89.82, -45.46, 1.24
CIELCh	90, 45.478, 178.443
Yxy	75.9089, 0.2513, 0.3623
Android (android.graphics.Color)	4285004254 (0xFF67F9DE)
YUV	202.2680, 9.7279, -87.0580
Hunter-Lab	87.1257, -44.5943, 5.8775

Details

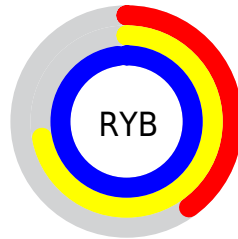
The RGB color **103, 249, 222** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **249, 103, 130**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **166, 255, 255**, and **15, 192, 167** is the 20% darker color. If you saturate the color by 10%, you get **78, 249, 217**, and if you desaturate by 10%, it is **128, 249, 227**.

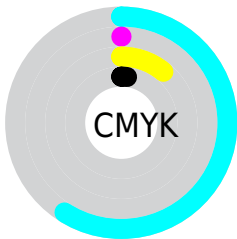
Distribution



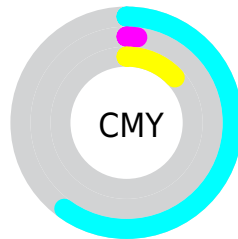
- Red (40%)
- Green (98%)
- Blue (87%)



- Red (40%)
- Yellow (72%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (60%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 249, 222 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 103, 249, 222 by changing the saturation by 10% instead.

 103, 249, 222

255, 255, 255


 166, 255, 255

 196, 255, 255

 227, 255, 255


 103, 249, 222


 68, 220, 194

 15, 192, 167

 0, 164, 141

 0, 137, 115

 0, 111, 91

 0, 86, 67

 0, 61, 45

 0, 40, 24

 0, 0, 0

 103, 249, 222

 103, 249, 222

 78, 249, 217

 128, 249, 227

 53, 249, 213

 153, 249, 231

 28, 249, 208

 178, 249, 236

 3, 249, 204

 203, 249, 240

 0, 249, 203

 228, 249, 245

 252, 249, 250

 255, 249, 254

 255, 249, 255

Harmonies

Analogous

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



160, 245, 179



103, 249, 222



50, 248, 255

Triad

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



103, 249, 222



228, 215, 255



255, 207, 153

Complementary

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



103, 249, 222



249, 103, 130

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, 195, 187



103, 249, 222



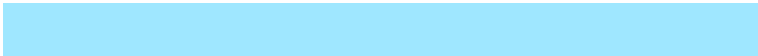
255, 200, 255

Square

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



103, 249, 222



159, 231, 255



255, 192, 230



255, 222, 138

Rectangle

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



103, 249, 222



62, 245, 255



255, 192, 230



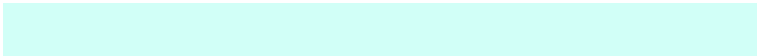
255, 203, 163

Sweetspot

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



103, 249, 222



209, 255, 247



132, 249, 103



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



103, 249, 222



77, 255, 222



103, 205, 249



112, 125, 123



0, 189, 154



0, 61, 50

Inverse Universe

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



249, 103, 130



255, 77, 110



249, 147, 103



125, 112, 115



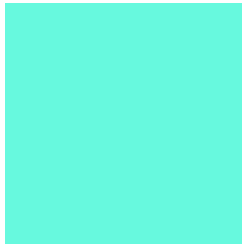
189, 0, 35



61, 0, 11

Previews

White Background



This preview shows how the RGB color 103, 249, 222 looks on a white background.

Color Contrast Check

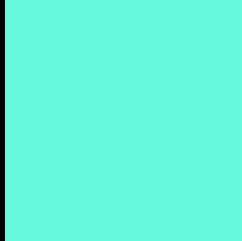
Large Text (above 18pt) WCAG AA × Fail

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 103, 249, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

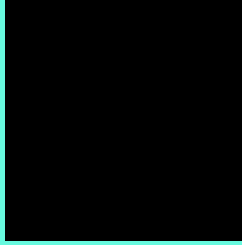
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

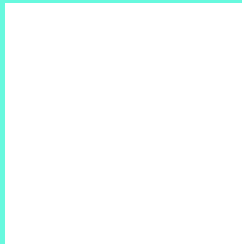
Any Text WCAG AAA ✓ Pass

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

RGB 103, 249, 222 Background



This preview shows how black text looks on a background with the RGB color 103, 249, 222.



This preview shows how white text looks on a background with the RGB color 103, 249, 222.

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





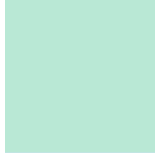
Tritanopia
149, 239, 255

Trichromacy



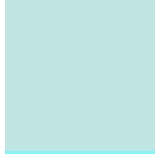
Original Color

103, 249, 222



Protanomaly

185, 232, 213



Deuteranomaly

193, 229, 226



Tritanomaly

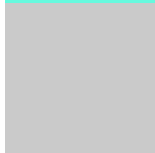
132, 243, 243

Monochromacy



Original Color

103, 249, 222



Achromatopsia

202, 202, 202



Achromatomaly

166, 219, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 249, 222 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(103, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(103, 249, 222)  
}
```

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(103, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 249, 222) }
```

Border

The CSS property to change the border of an element to RGB 103, 249, 222 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(103, 249, 222) }
```

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

```
.border{ border-color:rgb(103, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 249, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 249, 222); box-shadow:4px 4px 4px 4px rgb(103, 249, 222) }
```

Background

The CSS property to change the background color of an element to RGB 103, 249, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 249, 222) }
```

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

```
.background{ background-color: rgb(103,  
249, 222) }
```

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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