Converting Colors

RGB(163, 252, 243)

Have a look what the booklet for RGB(163, 252, 243) contains.

Color

RGB(163, 252, 243)

Conversions

Conversions Part 1

Format	Color
Hex	A3FCF3
RGB	163, 252, 243
RGB Percent	64%, 99%, 95%
CMY	0.3608, 0.0118, 0.0471
CMYK	0.35, 0.00, 0.04, 0.01
HSL	174°, 94%, 81%
HSV	174°, 35%, 99%
XYZ	66.0923, 83.8784, 97.5007
YIQ	224.3630, -50.1550, -21.6670

Conversions

Conversions Part 2

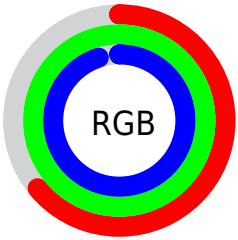
Format	Color
RYB	163, 210, 252
Decimal	10747123
CIELab	93.40, -28.57, -4.16
CIELCh	93, 28.872, 188.277
Yxy	83.8784, 0.2671, 0.3389
Android (android.graphics.Color)	4288937203 (0xFFA3FCF3)
YUV	224.3630, 9.1880, -53.8154
Hunter-Lab	91.5852, -31.4597, 0.9900

Details

The RGB color 163, 252, 243 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 252, 163, 172, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 221, 255, 255, and 107, 195, 187 is the 20% darker color. If you saturate the color by 10%, you get 138, 252, 240, and if you desaturate by 10%, it is 188, 252, 246.

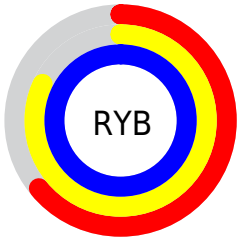
Distribution



Red (64%)

Green (99%)

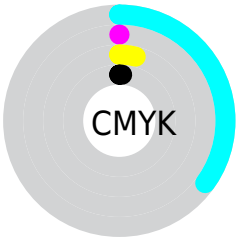
Blue (95%)



Red (64%)

Yellow (82%)

Blue (99%)

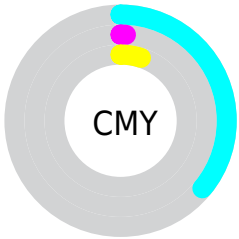


Cyan (35%)

Magenta (0%)

Yellow (4%)

Black (1%)



Cyan (36%)

Magenta (1%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 252, 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 163, 252, 243 by changing the saturation by 10% instead.

163, 252, 243	163, 252, 243
255, 255, 255	135, 223, 215
221, 255, 255	107, 195, 187
250, 255, 255	78, 168, 160
	48, 141, 134
	5, 115, 109
	0, 90, 84
	0, 66, 61
	0, 43, 40
	0, 21, 19

163, 252, 243	163, 252, 243
138, 252, 240	188, 252, 246
113, 252, 238	213, 252, 248
87, 252, 235	239, 252, 251
62, 252, 233	255, 252, 253
37, 252, 230	255, 252, 255
12, 252, 228	
0, 252, 227	

Harmonies

Analogous

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

187, 250, 215

163, 252, 243

158, 250, 255

Triad

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

163, 252, 243

250, 226, 255

255, 227, 185

Complementary

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

163, 252, 243

252, 163, 172

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, 220, 203

163, 252, 243

255, 219, 255

Square

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

163, 252, 243

213, 236, 255

255, 216, 229

249, 237, 181

Rectangle

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

163, 252, 243

169, 247, 255

255, 216, 229

255, 224, 190

Sweetspot

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

163, 252, 243

227, 255, 252

173, 252, 163

111, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

163, 252, 243

148, 255, 244

163, 218, 252

112, 125, 124

0, 189, 170

0, 61, 55

Inverse Universe

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

252, 163, 172

255, 148, 159

252, 197, 163

125, 112, 114

189, 0, 19

61, 0, 6

Previews

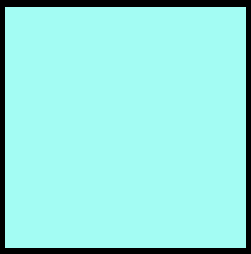
White Background

This preview shows how the RGB color 163, 252, 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



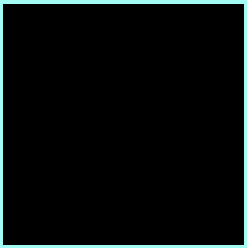
This preview shows how the RGB color 163, 252, 243 looks on a black background.

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 163, 252, 243 Background



This preview shows how black text looks on a background with the RGB color 163, 252, 243.

This preview shows how white text looks on a background with the RGB color 163, 252, 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

Original Color
163, 252, 243

Protanopia
240, 234, 232

Deuteranopia
252, 228, 248

Tritanopia
200, 243, 255

Trichromacy

Original Color
163, 252, 243

Protanomaly
212, 241, 236

Deuteranomaly
220, 237, 246

Tritanomaly
187, 246, 251

Monochromacy

Original Color
163, 252, 243

Achromatopsia
224, 224, 224

Achromatomaly
202, 234, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 252, 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(163, 252, 243) looks like.

```
.text, #text, p{
    color:rgb(163, 252, 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(163, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 252, 243) }
```

Border

The CSS property to change the border of an element to RGB 163, 252, 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(163, 252, 243) }
```

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

```
.border{ border-color:rgb(163, 252, 243) }
```

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

Here you see how a box with a 4 pixel rgb(163, 252, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 252, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 252, 243); box-shadow:4px 4px 4px 4px rgb(163, 252, 243) }
```

Background

The CSS property to change the background color of an element to RGB 163, 252, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(163, 252, 243) }
```

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

```
.background{ background-color:rgb(163,
252, 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.

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