Converting Colors

RGB(124, 237, 209)

Have a look what the booklet for RGB(124, 237, 209) contains.

Color

RGB(124, 237, 209)

Conversions

Conversions Part 1

Format	Color
Hex	7CEDD1
RGB	124, 237, 209
RGB Percent	49%, 93%, 82%
CMY	0.5137, 0.0706, 0.1804
CMYK	0.48, 0.00, 0.12, 0.07
HSL	165°, 76%, 71%
HSV	165°, 48%, 93%
XYZ	50.1050, 69.4569, 71.0873
YIQ	200.0210, -58.3600, -32.6640

Conversions

Conversions Part 2

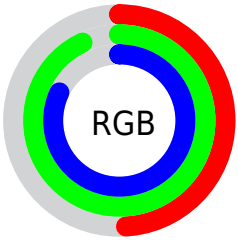
Format	Color
RYB	124, 188, 237
Decimal	8187345
CIELab	86.73, -38.89, 3.62
CIELCh	87, 39.059, 174.686
Yxy	69.4569, 0.2628, 0.3643
Android (android.graphics.Color)	4286377425 (0xFF7CEDD1)
YUV	200.0210, 4.4266, -66.6704
Hunter-Lab	83.3408, -38.5312, 7.7659

Details

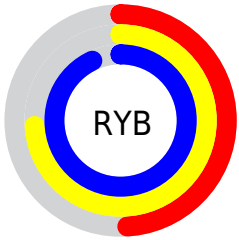
The RGB color 124, 237, 209 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 237, 124, 152, and the grayscale version is 200, 200, 200.

A 20% lighter version of the original color is 182, 255, 255, and 63, 181, 155 is the 20% darker color. If you saturate the color by 10%, you get 100, 237, 203, and if you desaturate by 10%, it is 148, 237, 215.

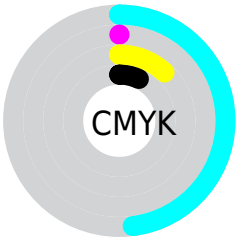
Distribution



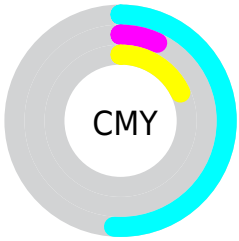
- Red (49%)
- Green (93%)
- Blue (82%)



- Red (49%)
- Yellow (74%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 237, 209 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 124, 237, 209 by changing the saturation by 10% instead.

124, 237, 209

255, 255, 255

182, 255, 255

212, 255, 255

242, 255, 255

124, 237, 209

95, 208, 181

63, 181, 155

23, 153, 129

0, 127, 104

0, 101, 80

0, 76, 57

0, 53, 35

0, 32, 14

0, 0, 0

124, 237, 209

100, 237, 203

77, 237, 197

53, 237, 191

29, 237, 186

6, 237, 180

0, 237, 178

124, 237, 209

148, 237, 215

171, 237, 221

195, 237, 227

219, 237, 232

243, 237, 238

255, 237, 244

255, 237, 250

255, 237, 255

Harmonies

Analogous

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

168, 233, 173

124, 237, 209

92, 237, 247

Triad

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

124, 237, 209

213, 210, 255

255, 200, 158

Complementary

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

124, 237, 209

237, 124, 152

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, 191, 188

124, 237, 209

255, 197, 255

Square

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

124, 237, 209

157, 223, 255

255, 190, 225

249, 213, 143

Rectangle

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

124, 237, 209

94, 234, 255

255, 190, 225

255, 196, 167

Sweetspot

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

124, 237, 209

219, 255, 246

152, 237, 124

106, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

124, 237, 209

110, 255, 219

124, 209, 237

106, 117, 114

0, 181, 136

0, 54, 40

Inverse Universe

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

237, 124, 152

255, 110, 146

237, 152, 124

117, 106, 108

181, 0, 45

54, 0, 13

Previews

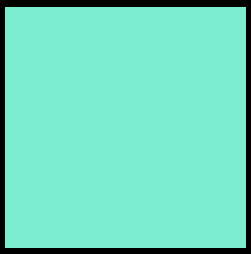
White Background

This preview shows how the RGB color 124, 237, 209 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



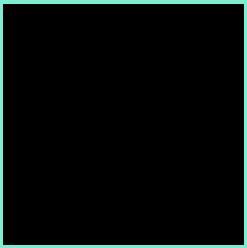
This preview shows how the RGB color 124, 237, 209 looks on a black background.

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 124, 237, 209 Background



This preview shows how black text looks on a background with the RGB color 124, 237, 209.

This preview shows how white text looks on a background with the RGB color 124, 237, 209.

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
124, 237, 209

Protanopia
224, 215, 197

Deuteranopia
237, 209, 215

Tritanopia
136, 231, 250

Trichromacy

Original Color
124, 237, 209

Protanomaly
188, 223, 201

Deuteranomaly
196, 219, 213

Tritanomaly
132, 233, 235

Monochromacy

Original Color
124, 237, 209

Achromatopsia
200, 200, 200

Achromatomaly
172, 213, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 237, 209 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(124, 237, 209) looks like.

```
.text, #text, p{
    color:rgb(124, 237, 209)
}
```

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(124, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 237, 209) }
```

Border

The CSS property to change the border of an element to RGB 124, 237, 209 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(124, 237, 209) }
```

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

```
.border{ border-color:rgb(124, 237, 209) }
```

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

Here you see how a box with a 4 pixel rgb(124, 237, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 237, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 237, 209); box-shadow:4px 4px 4px 4px rgb(124, 237, 209) }
```

Background

The CSS property to change the background color of an element to RGB 124, 237, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 237, 209) }
```

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

```
.background{ background-color:rgb(124,
237, 209) }
```

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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