Converting Colors

RGB(127, 221, 236)

Have a look what the booklet for RGB(127, 221, 236) contains.

Color

RGB(127, 221, 236)

Conversions

Conversions Part 1

Format	Color
Hex	7FDDEC
RGB	127, 221, 236
RGB Percent	50%, 87%, 93%
CMY	0.5020, 0.1333, 0.0745
CMYK	0.46, 0.06, 0.00, 0.07
HSL	188°, 74%, 71%
HSV	188°, 46%, 93%
XYZ	49.7492, 62.2811, 88.7563
YIQ	194.6040, -60.8390, -15.2630

Conversions

Conversions Part 2

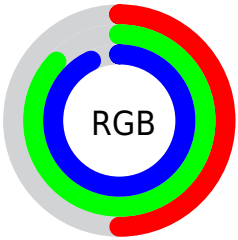
Format	Color
RYB	127, 177, 236
Decimal	8379884
CIELab	83.06, -24.04, -16.03
CIELCh	83, 28.897, 213.694
Yxy	62.2811, 0.2478, 0.3102
Android (android.graphics.Color)	4286569964 (0xFF7FDDEC)
YUV	194.6040, 20.4082, -59.2887
Hunter-Lab	78.9183, -25.5829, -11.4382

Details

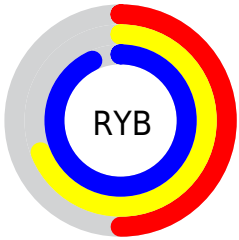
The RGB color 127, 221, 236 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 236, 142, 127, and the grayscale version is 194, 194, 194.

A 20% lighter version of the original color is 185, 255, 255, and 67, 166, 180 is the 20% darker color. If you saturate the color by 10%, you get 103, 218, 236, and if you desaturate by 10%, it is 151, 224, 236.

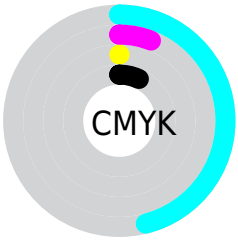
Distribution



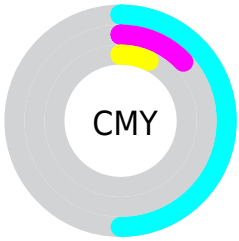
- Red (50%)
- Green (87%)
- Blue (93%)



- Red (50%)
- Yellow (69%)
- Blue (93%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 221, 236 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 127, 221, 236 by changing the saturation by 10% instead.

127, 221, 236

255, 255, 255

185, 255, 255

215, 255, 255

245, 255, 255

127, 221, 236

98, 193, 208

67, 166, 180

30, 139, 153

0, 113, 127

0, 89, 102

0, 65, 78

0, 42, 55

0, 20, 34

0, 0, 10

127, 221, 236	127, 221, 236
103, 218, 236	151, 224, 236
80, 215, 236	174, 227, 236
56, 211, 236	198, 231, 236
33, 208, 236	221, 234, 236
9, 205, 236	245, 237, 236
0, 204, 236	255, 240, 236
	255, 244, 236
	255, 247, 236
	255, 250, 236

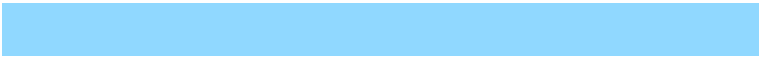
Harmonies

Analogous

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

137, 222, 209

127, 221, 236



144, 216, 255

Triad

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

127, 221, 236

245, 191, 231

224, 206, 153

Complementary

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

127, 221, 236

236, 142, 127

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.

247, 197, 159

127, 221, 236

255, 187, 204

Square

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

127, 221, 236

216, 199, 252

255, 190, 178

194, 214, 161

Rectangle

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

127, 221, 236

166, 211, 255

255, 190, 178

232, 203, 153

Sweetspot

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

127, 221, 236

219, 250, 255

127, 236, 142

106, 125, 128

0, 0, 0

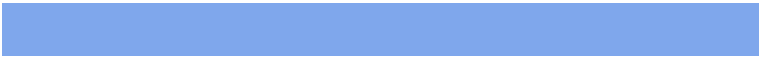
128, 128, 128

Same Dimension

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

127, 221, 236

115, 236, 255



127, 167, 236

106, 116, 117

0, 156, 181

0, 46, 54

Inverse Universe

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

236, 127, 221

255, 115, 236

236, 196, 127

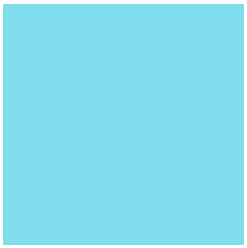
117, 106, 116

181, 0, 156

54, 0, 46

Previews

White Background

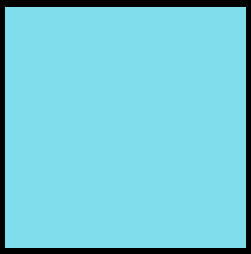


This preview shows how the RGB color 127, 221, 236 looks on a white background.

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



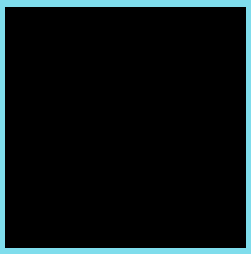
This preview shows how the RGB color 127, 221, 236 looks on a black background.

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 127, 221, 236 Background



This preview shows how black text looks on a background with the RGB color 127, 221, 236.

This preview shows how white text looks on a background with the RGB color 127, 221, 236.

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

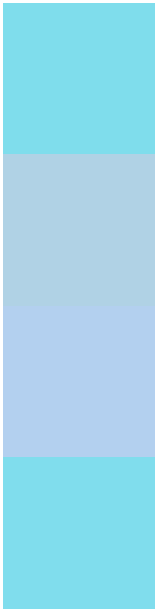
Original Color
127, 221, 236

Protanopia
204, 204, 225

Deuteranopia
209, 201, 240

Tritanopia
128, 221, 238

Trichromacy



Original Color
127, 221, 236

Protanomaly
176, 210, 229

Deuteranomaly
179, 208, 239

Tritanomaly
128, 221, 237

Monochromacy

Original Color
127, 221, 236

Achromatopsia
195, 195, 195

Achromatomaly
170, 204, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 221, 236 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(127, 221, 236) looks like.

```
.text, #text, p{
    color:rgb(127, 221, 236)
}
```

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(127, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 221, 236) }
```

Border

The CSS property to change the border of an element to RGB 127, 221, 236 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(127, 221, 236) }
```

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

```
.border{ border-color:rgb(127, 221, 236) }
```

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

Here you see how a box with a 4 pixel rgb(127, 221, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 221, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 221, 236); box-shadow:4px 4px 4px 4px rgb(127, 221, 236) }
```

Background

The CSS property to change the background color of an element to RGB 127, 221, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 221, 236) }
```

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

```
.background{ background-color:rgb(127,
221, 236) }
```

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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