

Converting Colors

RGB(127, 223, 206)

Have a look what the booklet for
RGB(127, 223, 206) contains.

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Color

RGB(127, 223, 206)

Conversions

Conversions Part 1

Format	Color
Hex	7FDFCE
RGB	127, 223, 206
RGB Percent	50%, 87%, 81%
CMY	0.5020, 0.1255, 0.1922
CMYK	0.43, 0.00, 0.08, 0.13
HSL	169°, 60%, 69%
HSV	169°, 43%, 87%
XYZ	46.2807, 61.7436, 67.8710
YIQ	192.3580, -51.7590, -25.6390

Conversions

Conversions Part 2

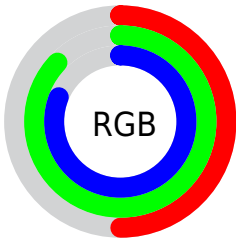
Format	Color
RYB	127, 180, 223
Decimal	8380366
CIELab	82.78, -32.40, -0.54
CIELCh	83, 32.407, 180.956
Yxy	61.7436, 0.2631, 0.3510
Android (android.graphics.Color)	4286570446 (0xFF7DFDCE)
YUV	192.3580, 6.7255, -57.3190
Hunter-Lab	78.5771, -32.3763, 3.7922

Details

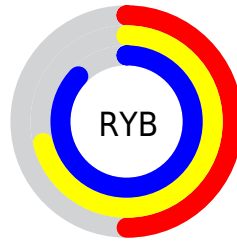
The RGB color **127, 223, 206** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **223, 127, 144**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **184, 255, 255**, and **70, 167, 152** is the 20% darker color. If you saturate the color by 10%, you get **105, 223, 202**, and if you desaturate by 10%, it is **149, 223, 210**.

Distribution



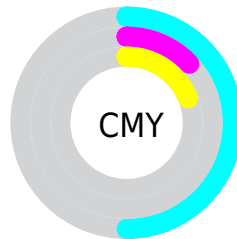
- Red (50%)
- Green (87%)
- Blue (81%)



- Red (50%)
- Yellow (71%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (50%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 223, 206 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, 223, 206 by changing the saturation by 10% instead.

 127, 223, 206


255, 255, 255


 184, 255, 255


 213, 255, 255


 243, 255, 255

 127, 223, 206

 99, 195, 179

 70, 167, 152


 37, 141, 126

 0, 115, 101

 0, 90, 77

 0, 66, 54

 0, 43, 33

 0, 18, 11

 0, 0, 0

 127, 223, 206

 127, 223, 206

 105, 223, 202

 149, 223, 210

 82, 223, 198

 172, 223, 214

 60, 223, 194

 194, 223, 218

 38, 223, 190

 216, 223, 222

 16, 223, 186

 239, 223, 226

 0, 223, 184

 255, 223, 230

 255, 223, 234

 255, 223, 238

 255, 223, 242

Harmonies

Analogous

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



159, 220, 176



127, 223, 206



111, 222, 236

Triad

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



127, 223, 206



212, 198, 255



252, 194, 154

Complementary

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



127, 223, 206



223, 127, 144

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, 186, 176



127, 223, 206



246, 188, 236

Square

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



127, 223, 206



169, 209, 255



255, 184, 206



227, 204, 145

Rectangle

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



127, 223, 206



119, 219, 252



255, 184, 206



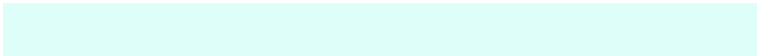
255, 191, 160

Sweetspot

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



127, 223, 206



222, 255, 249



145, 223, 127



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



127, 223, 206



122, 255, 232



127, 193, 223



101, 112, 110



0, 176, 145



0, 48, 40

Inverse Universe

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



223, 127, 144



255, 122, 146



223, 157, 127



112, 101, 103



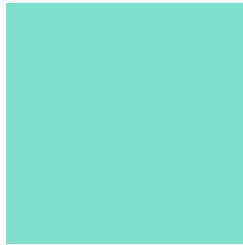
176, 0, 31



48, 0, 9

Previews

White Background



This preview shows how the RGB color 127, 223, 206 looks on a white background.

Color Contrast Check

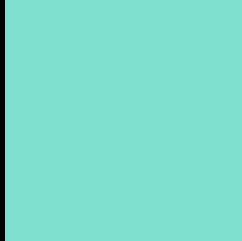
Large Text (above 18pt) WCAG AA × Fail

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, 223, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

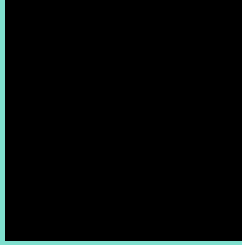
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

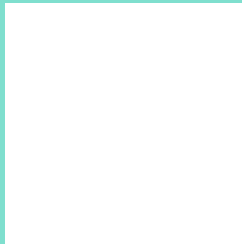
Any Text WCAG AAA ✓ Pass

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

RGB 127, 223, 206 Background



This preview shows how black text looks on a background with the RGB color 127, 223, 206.

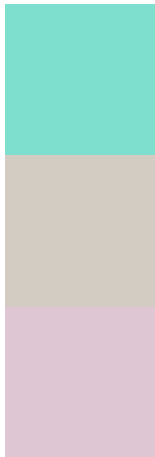


This preview shows how white text looks on a background with the RGB color 127, 223, 206.

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, 223, 206

Protanopia
211, 204, 195

Deuteranopia
222, 199, 211



Tritanopia
135, 219, 236

Trichromacy



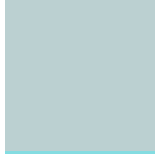
Original Color

127, 223, 206



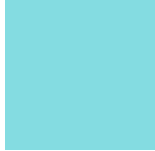
Protanomaly

180, 211, 199



Deuteranomaly

187, 208, 209



Tritanomaly

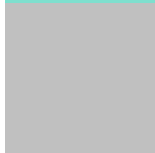
132, 220, 225

Monochromacy



Original Color

127, 223, 206



Achromatopsia

192, 192, 192



Achromatomaly

168, 203, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 223, 206 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, 223, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 223, 206)  
}
```

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, 223, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 223, 206) }
```

Border

The CSS property to change the border of an element to RGB 127, 223, 206 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, 223, 206) }
```

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

```
.border{ border-color:rgb(127, 223, 206) }
```

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

Here you see how a box with a 4 pixel rgb(127, 223, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 223,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 127, 223, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 223, 206) }
```

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

```
.background{ background-color: rgb(127,  
223, 206) }
```

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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