

Converting Colors

RGB(125, 227, 208)

Have a look what the booklet for
RGB(125, 227, 208) contains.

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Color

RGB(125, 227, 208)

Conversions

Conversions Part 1

Format	Color
Hex	7DE3D0
RGB	125, 227, 208
RGB Percent	49%, 89%, 82%
CMY	0.5098, 0.1098, 0.1843
CMYK	0.45, 0.00, 0.08, 0.11
HSL	169°, 65%, 69%
HSV	169°, 45%, 89%
XYZ	47.3117, 63.8522, 69.5056
YIQ	194.3360, -54.6930, -27.5330

Conversions

Conversions Part 2

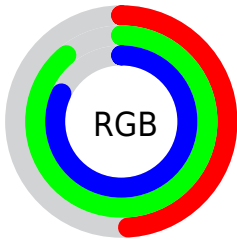
Format	Color
RYB	125, 181, 227
Decimal	8250320
CIELab	83.89, -34.30, 0.02
CIElCh	84, 34.295, 179.974
Yxy	63.8522, 0.2619, 0.3534
Android (android.graphics.Color)	4286440400 (0xFF7DE3D0)
YUV	194.3360, 6.7364, -60.8077
Hunter-Lab	79.9076, -34.1519, 4.3634

Details

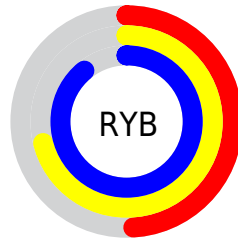
The RGB color **125, 227, 208** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **227, 125, 144**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **183, 255, 255**, and **66, 171, 154** is the 20% darker color. If you saturate the color by 10%, you get **102, 227, 204**, and if you desaturate by 10%, it is **148, 227, 212**.

Distribution



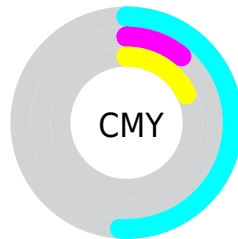
- Red (49%)
- Green (89%)
- Blue (82%)



- Red (49%)
- Yellow (71%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 227, 208 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 125, 227, 208 by changing the saturation by 10% instead.

 125, 227, 208


255, 255, 255


 183, 255, 255


 212, 255, 255


 241, 255, 255

 125, 227, 208

 96, 199, 180

 66, 171, 154

 31, 144, 128

 0, 118, 103

 0, 93, 79

 0, 69, 56

 0, 46, 35

 0, 22, 13

 0, 0, 0

 125, 227, 208

 125, 227, 208

 102, 227, 204

 148, 227, 212

 80, 227, 200

 170, 227, 216

 57, 227, 195

 193, 227, 221

 34, 227, 191

 216, 227, 225

 11, 227, 187

 239, 227, 229

 0, 227, 185

 255, 227, 233

 255, 227, 238

 255, 227, 242

 255, 227, 246

Harmonies

Analogous

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



160, 224, 176



125, 227, 208



106, 226, 240

Triad

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



125, 227, 208



214, 201, 255



255, 196, 154

Complementary

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



125, 227, 208



227, 125, 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, 188, 178



125, 227, 208



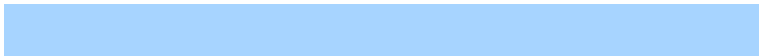
250, 190, 242

Square

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



125, 227, 208



167, 212, 255



255, 185, 210



232, 207, 145

Rectangle

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



125, 227, 208



114, 223, 255



255, 185, 210



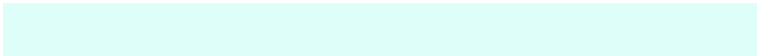
255, 193, 161

Sweetspot

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



125, 227, 208



222, 255, 249



145, 227, 125



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



125, 227, 208



117, 255, 229



125, 196, 227



103, 115, 113



0, 179, 145



0, 51, 42

Inverse Universe

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



227, 125, 144



255, 117, 143



227, 156, 125



115, 103, 105



179, 0, 33



51, 0, 9

Previews

White Background



This preview shows how the RGB color 125, 227, 208 looks on a white background.

Color Contrast Check

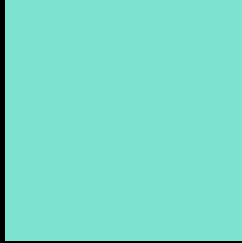
Large Text (above 18pt) WCAG AA × Fail

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 125, 227, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

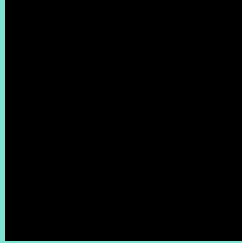
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

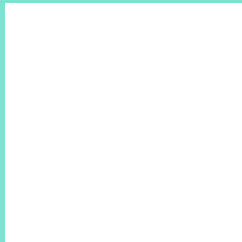
Any Text WCAG AAA ✓ Pass

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

RGB 125, 227, 208 Background



This preview shows how black text looks on a background with the RGB color 125, 227, 208.

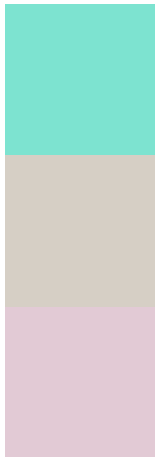


This preview shows how white text looks on a background with the RGB color 125, 227, 208.

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
125, 227, 208

Protanopia
214, 207, 197

Deuteranopia
226, 202, 213



Tritanopia
134, 222, 240

Trichromacy



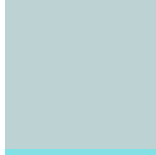
Original Color

125, 227, 208



Protanomaly

182, 214, 201



Deuteranomaly

189, 211, 211



Tritanomaly

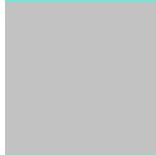
131, 224, 228

Monochromacy



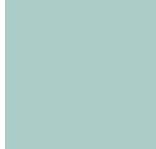
Original Color

125, 227, 208



Achromatopsia

194, 194, 194



Achromatomaly

169, 206, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 227, 208 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(125, 227, 208)` looks like.

```
.text, #text, p{  
    color:rgb(125, 227, 208)  
}
```

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(125, 227, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 227, 208) }
```

Border

The CSS property to change the border of an element to RGB 125, 227, 208 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(125, 227, 208) }
```

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

```
.border{ border-color:rgb(125, 227, 208) }
```

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

Here you see how a box with a 4 pixel rgb(125, 227, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 227, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 227, 208);  
box-shadow:4px 4px 4px 4px rgb(125, 227,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 125, 227, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 227, 208) }
```

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

```
.background{ background-color: rgb(125,  
227, 208) }
```

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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