

Converting Colors

CIELCh(85, 28.072, 192.613)

Have a look what the booklet for
CIELCh(85, 28.072, 192.613)
contains.

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Color

CIELCh(85, 27.813, 193.153)

Conversions

Conversions Part 1

Format	Color
Hex	8CE3DF
RGB	140, 227, 223
RGB Percent	55%, 89%, 87%
CMY	0.4500, 0.1088, 0.1245
CMYK	0.38, 0.00, 0.02, 0.11
HSL	177°, 61%, 72%
HSV	177°, 38%, 89%
XYZ	51.7420, 66.0070, 79.9949
YIQ	200.5310, -50.5680, -19.6880

Conversions

Conversions Part 2

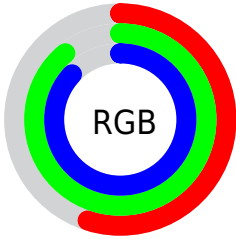
Format	Color
RYB	140, 185, 227
Decimal	9233375
CIELab	85.00, -27.08, -6.33
CIELCh	85, 27.813, 193.153
Yxy	66.0070, 0.2617, 0.3338
Android (android.graphics.Color)	4287423455 (0xFF8CE3DF)
YUV	200.5310, 11.0772, -53.0857
Hunter-Lab	81.2447, -28.4975, -1.5066

Details

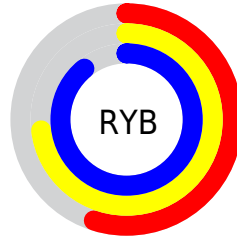
The CIELCh color **85, 27.813, 193.153** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 35.606, 19.634**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **65, 27.617, 193.617** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.484, 192.549**, and if you desaturate by 10%, it is **86, 21.358, 193.773**.

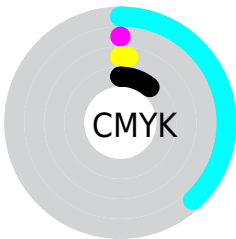
Distribution



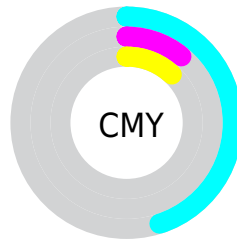
- Red (55%)
- Green (89%)
- Blue (87%)



- Red (55%)
- Yellow (73%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)





- Cyan (45%)
- Magenta (11%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 27.813, 193.153 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 CIELCh color 85, 27.813, 193.153 by changing the saturation by 10% instead.


 85, 27.813,
193.153


 85, 27.813,
193.153


 100, 27.813,
193.153


 75, 27.813,
193.153

 65, 27.813,
193.153

 55, 27.813,
193.153

 45, 27.813,
193.153

 35, 27.813,
193.153

 25, 27.813,
193.153

 15, 27.813,

193.153

■ 5, 27.813, 193.153

■ 0, 27.813, 193.153

■ 85, 27.813,
193.153

■ 85, 27.813,
193.153

■ 84, 33.484,
192.549

■ 86, 21.358,
193.773

■ 83, 38.255,
191.962

■ 87, 14.249,
194.421

■ 83, 42.048,
191.384

■ 89, 6.621, 195.120

■ 82, 44.831,
190.804

■ 91, 1.399, 15.265

■ 92, 9.695, 16.309

■ 82, 46.638,

190.209

93, 10.146, 13.471

82, 47.607,
189.589

93, 10.207, 10.472

82, 47.738,
189.483

93, 10.297, 7.518

93, 10.414, 4.623

Harmonies

Complementary

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



85, 27.813, 193.153



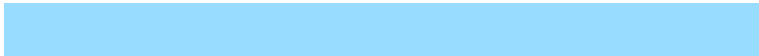
67, 35.606, 19.634

Rectangle

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



85, 27.813, 193.153



85, 27.813, 243.153



85, 27.813, 13.153



85, 27.813, 63.153

Sweetspot

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



85, 27.813, 193.150



98, 9.589, 194.915



83, 54.551, 140.437



52, 6.421, 194.819



0, 0.000, 0.000



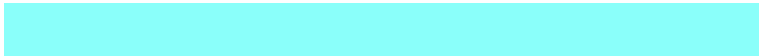
53, 0.007, 296.813

Same Dimension

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



85, 27.813, 193.150



93, 35.373, 192.667



74, 25.308, 256.098



47, 4.562, 195.032



66, 39.825, 189.586



18, 16.604, 190.600

Inverse Universe

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



67, 35.606, 19.634



70, 48.042, 21.084



76, 29.254, 65.419



45, 4.820, 16.211



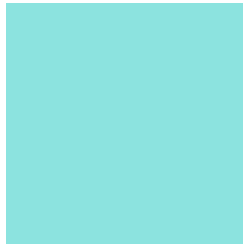
37, 78.010, 38.101



6, 26.958, 19.861

Previews

White Background



This preview shows how the CIE LCh color 85, 27.813, 193.153 looks on a white background.

Color Contrast Check

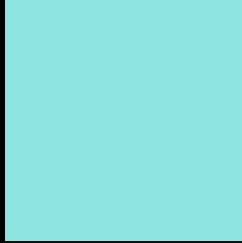
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 27.813, 193.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

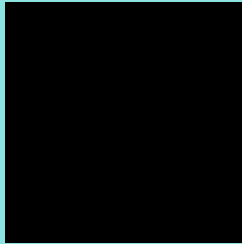
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.813, 193.153

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.813, 193.153.

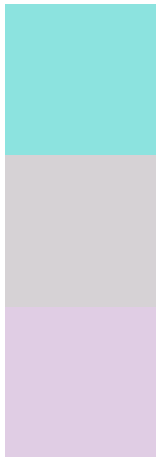


This preview shows how white text looks on a background with the CIELCh color 85, 27.813, 193.153.

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
85, 27.813, 193.153

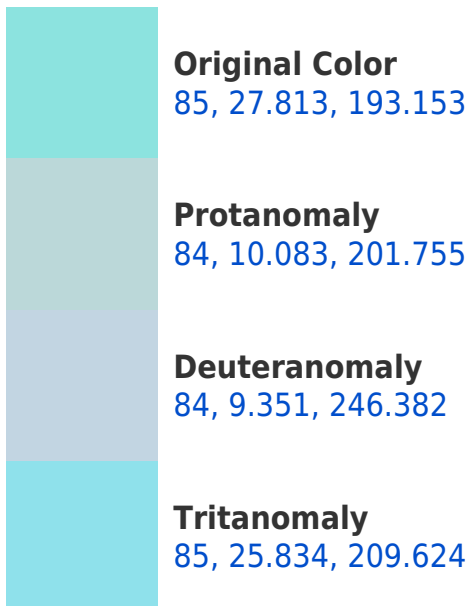
Protanopia
85, 2.161, 332.303

Deuteranopia
85, 13.936, 320.025



Tritanopia
85, 25.665, 219.767

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.813, 193.153 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(140, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 227, 223)  
}
```

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(140, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 227, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.813, 193.153 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(140, 227, 223) }
```

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

```
.border{ border-color:rgb(140, 227, 223) }
```

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

Here you see how a box with a 4 pixel rgb(140, 227, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 227,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.813, 193.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 227, 223) }
```

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

```
.background{ background-color: rgb(140,  
227, 223) }
```

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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