

Converting Colors

CIELCh(87, 44.343, 178.994)

Have a look what the booklet for
CIELCh(87, 44.343, 178.994)
contains.

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Color

CIELCh(87, 44.134, 179.176)

Conversions

Conversions Part 1

Format	Color
Hex	62F0D7
RGB	98, 240, 215
RGB Percent	38%, 94%, 84%
CMY	0.6145, 0.0578, 0.1559
CMYK	0.59, 0.00, 0.10, 0.06
HSL	169°, 83%, 66%
HSV	169°, 59%, 94%
XYZ	48.6043, 70.0064, 75.4107
YIQ	194.6920, -76.6070, -37.8790

Conversions

Conversions Part 2

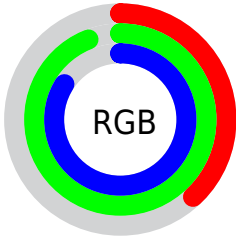
Format	Color
RYB	98, 176, 240
Decimal	6484183
CIELab	87.00, -44.13, 0.63
CIELCh	87, 44.134, 179.176
Yxy	70.0064, 0.2505, 0.3608
Android (android.graphics.Color)	4284674263 (0xFF62F0D7)
YUV	194.6920, 10.0118, -84.7989
Hunter-Lab	83.6698, -42.7306, 5.1314

Details

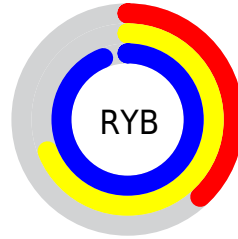
The CIELCh color **87, 44.134, 179.176** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **61, 58.483, 14.432**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **67, 44.123, 179.069** is the 20% darker color. If you saturate the color by 10%, you get **86, 48.988, 177.889**, and if you desaturate by 10%, it is **88, 38.319, 180.349**.

Distribution



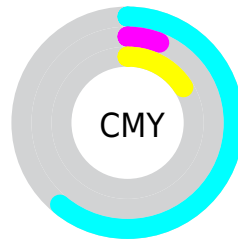
- Red (38%)
- Green (94%)
- Blue (84%)



- Red (38%)
- Yellow (69%)
- Blue (94%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)




- Cyan (61%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 44.134, 179.176 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 87, 44.134, 179.176 by changing the saturation by 10% instead.

 87, 44.134,
179.176


 87, 44.134,
179.176


 100, 44.134,
179.176


 77, 44.134,
179.176

 67, 44.134,
179.176

 57, 44.134,
179.176

 47, 44.134,
179.176

 37, 44.134,
179.176

 27, 44.134,
179.176

 17, 44.134,

179.176

■ 7, 44.134, 179.176

■ 0, 44.134, 179.176

■ 87, 44.134,
179.176

■ 87, 44.134,
179.176

■ 86, 48.988,
177.889

■ 88, 38.319,
180.349

■ 86, 52.829,
176.469

■ 89, 31.645,
181.434

■ 85, 55.683,
174.894

■ 90, 24.249,
182.450

■ 85, 57.708,
173.173

■ 92, 16.278,
183.416

■ 85, 57.878,

■ 93, 7.881, 184.364

173.016

■ 95, 0.808, 4.426

■ 96, 5.756, 355.471

■ 96, 6.928, 338.965

■ 96, 8.505, 327.934

Harmonies

Complementary

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



87, 44.134, 179.176



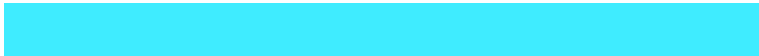
61, 58.483, 14.432

Rectangle

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



87, 44.134, 179.176



87, 44.134, 229.176



87, 44.134, 359.176



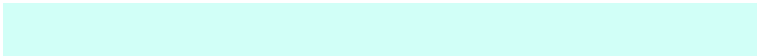
87, 44.134, 49.176

Sweetspot

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



87, 44.134, 179.175



97, 16.144, 183.513



86, 82.074, 135.654



51, 11.153, 183.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 44.134, 179.175



91, 52.196, 177.598



75, 34.637, 243.002



49, 4.917, 184.326



67, 47.129, 173.336



20, 19.957, 176.038

Inverse Universe

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



61, 58.483, 14.432



59, 73.197, 18.435



69, 51.118, 50.391



47, 5.119, 5.895



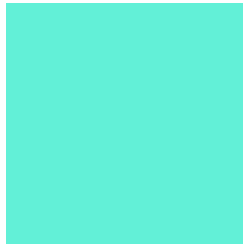
38, 73.745, 31.159



8, 29.074, 16.592

Previews

White Background



This preview shows how the CIE LCh color 87, 44.134, 179.176 looks on a white background.

Color Contrast Check

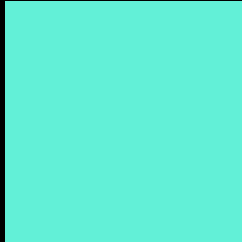
Large Text (above 18pt) WCAG AA × Fail

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 87, 44.134, 179.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

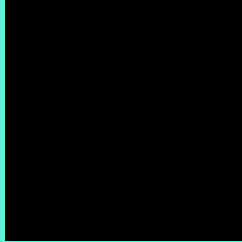
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

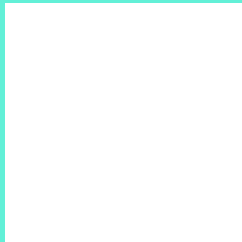
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 44.134, 179.176

Background



This preview shows how black text looks on a background with the CIELCh color 87, 44.134, 179.176.

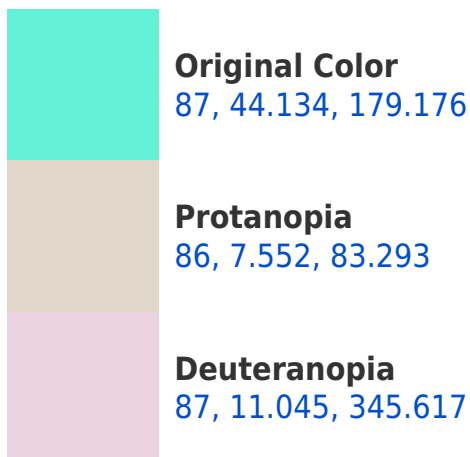


This preview shows how white text looks on a background with the CIELCh color 87, 44.134, 179.176.

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





Tritanopia
87, 34.969, 214.054

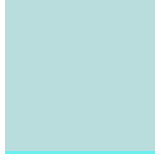
Trichromacy



Original Color
87, 44.134, 179.176



Protanomaly
86, 18.586, 169.396



Deuteranomaly
86, 12.434, 196.146

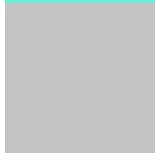


Tritanomaly
87, 36.714, 199.540

Monochromacy



Original Color
87, 44.134, 179.176



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 18.364, 182.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 44.134, 179.176 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(98, 240, 215)` looks like.

```
.text, #text, p{  
    color:rgb(98, 240, 215)  
}
```

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(98, 240, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 240, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 44.134, 179.176 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(98, 240, 215) }
```

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

```
.border{ border-color:rgb(98, 240, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 240, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 240, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 240, 215);  
box-shadow:4px 4px 4px 4px rgb(98, 240,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 44.134, 179.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 240, 215) }
```

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

```
.background{ background-color: rgb(98, 240,  
215) }
```

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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