

Converting Colors

CIELCh(88, 39.966, 174.040)

Have a look what the booklet for
CIELCh(88, 39.966, 174.040)
contains.

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Color

CIELCh(88, 39.751, 174.339)

Conversions

Conversions Part 1

Format	Color
Hex	7EF1D4
RGB	126, 241, 212
RGB Percent	49%, 95%, 83%
CMY	0.5061, 0.0551, 0.1688
CMYK	0.48, 0.00, 0.12, 0.06
HSL	165°, 80%, 72%
HSV	165°, 48%, 94%
XYZ	51.9161, 72.0653, 73.4309
YIQ	203.3090, -59.2310, -33.3990

Conversions

Conversions Part 2

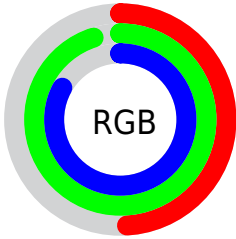
Format	Color
R_{YB}	126, 192, 241
Decimal	8319444
CIE _{Lab}	88.00, -39.56, 3.92
CIE _{LCh}	88, 39.751, 174.339
Yxy	72.0653, 0.2630, 0.3650
Android (android.graphics.Color)	4286509524 (0xFF7EF1D4)
YUV	203.3090, 4.2847, -67.8000
Hunter-Lab	84.8913, -39.3963, 8.1381

Details

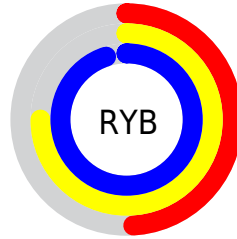
The CIELCh color **88, 39.751, 174.339** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66, 47.286, 5.847**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **68, 39.764, 174.203** is the 20% darker color. If you saturate the color by 10%, you get **87, 46.358, 172.998**, and if you desaturate by 10%, it is **89, 32.361, 175.556**.

Distribution



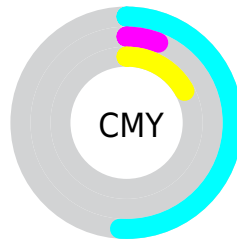
- Red (49%)
- Green (95%)
- Blue (83%)



- Red (49%)
- Yellow (75%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)





- Cyan (51%)
- Magenta (6%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 39.751, 174.339 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 88, 39.751, 174.339 by changing the saturation by 10% instead.


 88, 39.751,
174.339


 88, 39.751,
174.339


 100, 39.751,
174.339


 78, 39.751,
174.339

 68, 39.751,
174.339

 58, 39.751,
174.339

 48, 39.751,
174.339

 38, 39.751,
174.339


 28, 39.751,
174.339


 18, 39.751,


174.339


 8, 39.751, 174.339


 0, 39.751, 174.339

 88, 39.751,
174.339


 88, 39.751,
174.339


 87, 46.358,
172.998


 89, 32.361,
175.556

 86, 52.058,
171.511

 90, 24.332,
176.676

 86, 56.782,
169.852

 92, 15.821,
177.721

 85, 60.532,
168.004

 94, 6.975, 178.731

 85, 63.420,

 96, 2.074, 359.286

165.973

96, 6.286, 342.386

85, 64.022,
165.510

97, 8.539, 325.696

97, 8.753, 324.711

Harmonies

Complementary

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



88, 39.751, 174.339



66, 47.286, 5.847

Rectangle

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



88, 39.751, 174.339



88, 39.751, 224.339



88, 39.751, 354.339



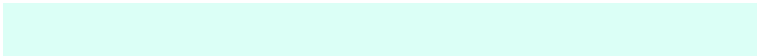
88, 39.751, 44.339

Sweetspot

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



88, 39.752, 174.338



97, 13.145, 178.092



88, 66.112, 134.240



52, 9.050, 177.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 39.752, 174.338



92, 48.031, 173.075



81, 28.970, 227.607



49, 5.099, 178.552



66, 51.927, 165.894



20, 21.673, 169.154

Inverse Universe

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



66, 47.286, 5.847



65, 59.084, 8.056



71, 41.096, 42.757



47, 5.266, 0.206



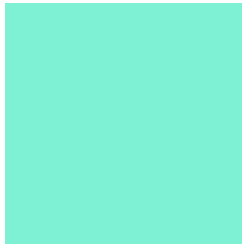
38, 70.273, 25.262



8, 28.866, 13.009

Previews

White Background



This preview shows how the CIELCh color 88, 39.751, 174.339 looks on a white background.

Color Contrast Check

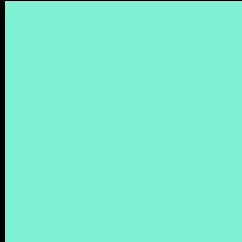
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 39.751, 174.339 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 88, 39.751, 174.339

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.751, 174.339.

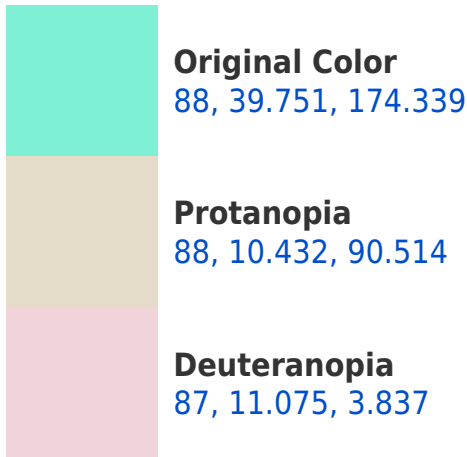


This preview shows how white text looks on a background with the CIELCh color 88, 39.751, 174.339.

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



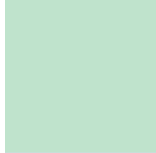


Tritanopia
88, 29.903, 217.261

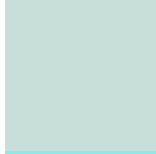
Trichromacy



Original Color
88, 39.751, 174.339



Protanomaly
87, 17.749, 155.659

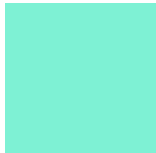


Deuteranomaly
87, 9.303, 175.597

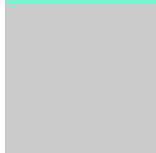


Tritanomaly
88, 31.223, 199.337

Monochromacy



Original Color
88, 39.751, 174.339



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 15.924, 176.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.751, 174.339 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(126, 241, 212)` looks like.

```
.text, #text, p{  
    color:rgb(126, 241, 212)  
}
```

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(126, 241, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 241, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.751, 174.339 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(126, 241, 212) }
```

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

```
.border{ border-color:rgb(126, 241, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 241, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 241, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 241, 212);  
box-shadow:4px 4px 4px 4px rgb(126, 241,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.751, 174.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 241, 212) }
```

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

```
.background{ background-color: rgb(126,  
241, 212) }
```

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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