

Converting Colors

CIELCh(89, 43.824, 173.790)

Have a look what the booklet for
CIELCh(89, 43.824, 173.790)
contains.

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Color

CIELCh(89, 44.024, 173.531)

Conversions

Conversions Part 1

Format	Color
Hex	74F6D5
RGB	116, 246, 213
RGB Percent	45%, 96%, 84%
CMY	0.5466, 0.0367, 0.1661
CMYK	0.53, 0.00, 0.13, 0.04
HSL	165°, 87%, 71%
HSV	165°, 53%, 96%
XYZ	51.9633, 74.1641, 74.2950
YIQ	203.3680, -66.8870, -37.8230

Conversions

Conversions Part 2

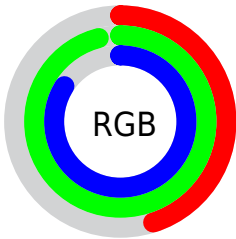
Format	Color
RYB	116, 190, 246
Decimal	7665365
CIELab	89.00, -43.74, 4.96
CIELCh	89, 44.024, 173.531
Yxy	74.1641, 0.2593, 0.3700
Android (android.graphics.Color)	4285855445 (0xFF74F6D5)
YUV	203.3680, 4.7486, -76.6217
Hunter-Lab	86.1186, -43.0021, 9.1332

Details

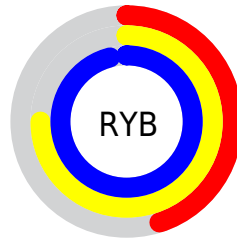
The CIELCh color **89, 44.024, 173.531** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65, 53.316, 6.899**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **69, 44.167, 173.255** is the 20% darker color. If you saturate the color by 10%, you get **88, 50.277, 172.111**, and if you desaturate by 10%, it is **90, 36.905, 174.813**.

Distribution



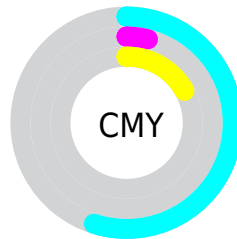
- Red (45%)
- Green (96%)
- Blue (84%)



- Red (45%)
- Yellow (75%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (55%)
- Magenta (4%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 44.024, 173.531 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 89, 44.024, 173.531 by changing the saturation by 10% instead.


 89, 44.024,
173.531


 89, 44.024,
173.531


 100, 44.024,
173.531


 79, 44.024,
173.531

 69, 44.024,
173.531

 59, 44.024,
173.531

 49, 44.024,
173.531

 39, 44.024,
173.531


 29, 44.024,
173.531


 19, 44.024,


173.531


 9, 44.024, 173.531


 0, 44.024, 173.531


 89, 44.024,
173.531


 89, 44.024,
173.531


 88, 50.277,
172.111


 90, 36.905,
174.813


 88, 55.565,
170.531

 91, 29.058,
175.984

 87, 59.850,
168.768

 93, 20.639,
177.068

 87, 63.185,
166.811

 94, 11.803,
178.089

 87, 65.115,

 96, 2.696, 179.193

165.347

 98, 4.012, 345.439

 98, 5.828, 324.592

Harmonies

Complementary

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



89, 44.024, 173.531



65, 53.316, 6.899

Rectangle

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



89, 44.024, 173.531



89, 44.024, 223.531



89, 44.024, 353.531



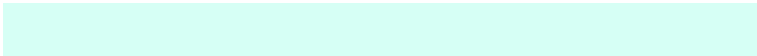
89, 44.024, 43.531

Sweetspot

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



89, 44.025, 173.530



97, 14.998, 177.777



89, 73.928, 133.936



51, 10.098, 177.567



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 44.025, 173.530



91, 52.427, 171.931



81, 31.787, 228.503



50, 5.192, 178.437



67, 52.583, 165.734



21, 22.394, 168.839

Inverse Universe

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



65, 53.316, 6.899



62, 65.859, 9.925



70, 47.268, 42.906



48, 5.362, 0.096



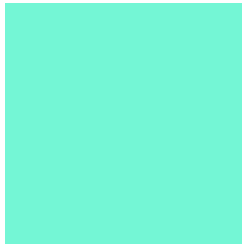
39, 70.964, 25.193



9, 29.804, 13.973

Previews

White Background



This preview shows how the CIE LCh color 89, 44.024, 173.531 looks on a white background.

Color Contrast Check

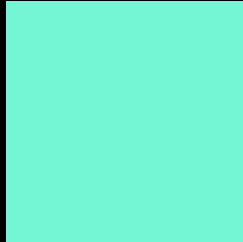
Large Text (above 18pt) WCAG AA × Fail

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 89, 44.024, 173.531 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 89, 44.024, 173.531

Background



This preview shows how black text looks on a background with the CIELCh color 89, 44.024, 173.531.

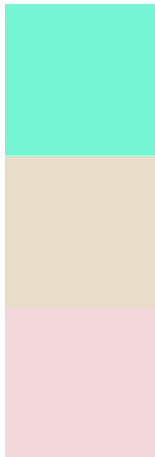


This preview shows how white text looks on a background with the CIELCh color 89, 44.024, 173.531.

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
89, 44.024, 173.531

Protanopia
88, 11.523, 90.278

Deuteranopia
88, 10.829, 9.124



Tritanopia
89, 29.157, 216.685

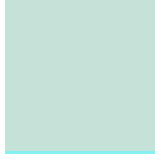
Trichromacy



Original Color
89, 44.024, 173.531



Protanomaly
88, 19.730, 156.766



Deuteranomaly
88, 11.321, 174.093



Tritanomaly
89, 32.339, 197.337

Monochromacy



Original Color
89, 44.024, 173.531



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 17.967, 177.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 44.024, 173.531 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(116, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(116, 246, 213)  
}
```

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(116, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 246, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 44.024, 173.531 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(116, 246, 213) }
```

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

```
.border{ border-color:rgb(116, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(116, 246,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 44.024, 173.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 246, 213) }
```

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

```
.background{ background-color: rgb(116,  
246, 213) }
```

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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