

Converting Colors

CIELCh(89, 26.373, 197.668)

Have a look what the booklet for
CIELCh(89, 26.373, 197.668)
contains.

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Color

CIELCh(89, 26.308, 197.709)

Conversions

Conversions Part 1

Format	Color
Hex	9BEEEE
RGB	155, 238, 238
RGB Percent	61%, 93%, 93%
CMY	0.3928, 0.0673, 0.0673
CMYK	0.35, 0.00, 0.00, 0.07
HSL	180°, 71%, 77%
HSV	180°, 35%, 93%
XYZ	59.4172, 74.1641, 91.9412
YIQ	213.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

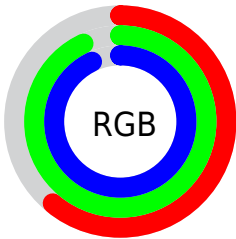
Format	Color
RYB	155, 197, 238
Decimal	10219246
CIELab	89.00, -25.06, -8.00
CIElCh	89, 26.308, 197.709
Yxy	74.1641, 0.2635, 0.3289
Android (android.graphics.Color)	4288409326 (0xFF9BEEEE)
YUV	213.1830, 12.2348, -51.0265
Hunter-Lab	86.1186, -27.5521, -3.0156

Details

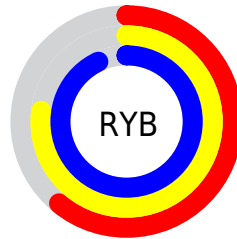
The CIELCh color **89, 26.308, 197.709** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 33.604, 22.580**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **69, 26.389, 197.329** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.280, 197.325**, and if you desaturate by 10%, it is **90, 19.526, 198.149**.

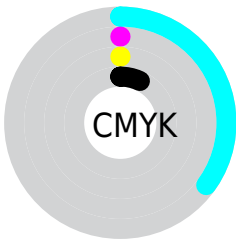
Distribution



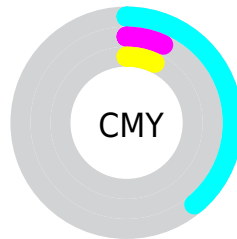
- Red (61%)
- Green (93%)
- Blue (93%)



- Red (61%)
- Yellow (77%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (39%)
- Magenta (7%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 26.308, 197.709 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, 26.308, 197.709 by changing the saturation by 10% instead.


 89, 26.308,
197.709


 89, 26.308,
197.709


 100, 26.308,
197.709


 79, 26.308,
197.709

 69, 26.308,
197.709

 59, 26.308,
197.709

 49, 26.308,
197.709

 39, 26.308,
197.709

 29, 26.308,
197.709

 19, 26.308,

197.709

■ 9, 26.308, 197.709

■ 0, 26.308, 197.709

■ 89, 26.308,
197.709

■ 89, 26.308,
197.709

■ 88, 32.280,
197.325

■ 90, 19.526,
198.149

■ 87, 37.323,
197.009

■ 92, 12.068,
198.654

■ 87, 41.351,
196.760

■ 93, 4.072, 199.286

■ 86, 44.324,
196.578

■ 95, 4.333, 19.551

■ 95, 6.153, 19.715

■ 86, 46.264,

196.460

95, 6.153, 19.713

86, 47.269,
196.400

95, 6.153, 19.710

86, 47.541,
196.383

95, 6.153, 19.708

95, 6.153, 19.706

Harmonies

Complementary

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



89, 26.308, 197.709



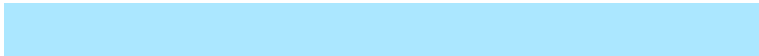
72, 33.604, 22.580

Rectangle

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



89, 26.308, 197.709



89, 26.308, 247.709



89, 26.308, 17.709



89, 26.308, 67.709

Sweetspot

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



89, 26.308, 197.706



98, 8.687, 198.931



87, 52.259, 141.501



52, 5.905, 198.847



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, 26.308, 197.706



94, 32.396, 197.423



78, 24.830, 259.319



49, 4.701, 198.965



68, 39.158, 196.383



21, 17.094, 196.384

Inverse Universe

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



72, 33.604, 22.580



73, 43.869, 23.711



82, 27.703, 69.316



47, 4.993, 19.937



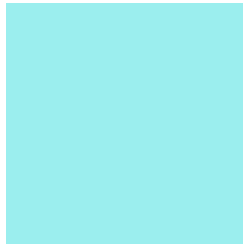
38, 81.702, 39.994



8, 29.836, 23.806

Previews

White Background



This preview shows how the CIE LCh color 89, 26.308, 197.709 looks on a white background.

Color Contrast Check

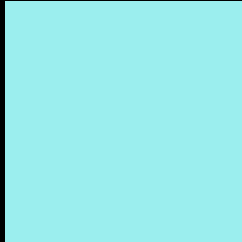
Large Text (above 18pt) WCAG AA × Fail

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, 26.308, 197.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

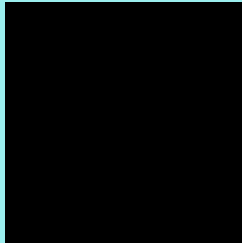
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 26.308, 197.709

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.308, 197.709.

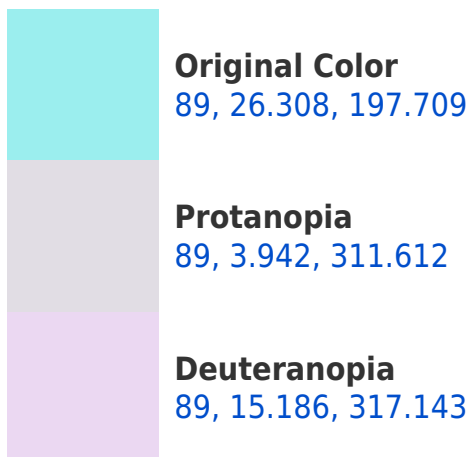



This preview shows how white text looks on a background with the CIELCh color 89, 26.308, 197.709.

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



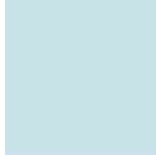


Tritanopia
89, 25.040, 221.520

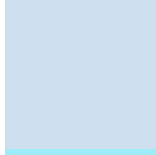
Trichromacy



Original Color
89, 26.308, 197.709



Protanomaly
88, 9.882, 214.195



Deuteranomaly
88, 10.228, 254.091

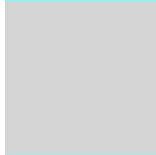


Tritanomaly
89, 25.123, 212.433

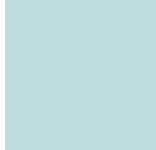
Monochromacy



Original Color
89, 26.308, 197.709



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.394, 198.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.308, 197.709 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(155, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(155, 238, 238)  
}
```

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(155, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 238, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.308, 197.709 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(155, 238, 238) }
```

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

```
.border{ border-color:rgb(155, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(155, 238,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.308, 197.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 238, 238) }
```

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

```
.background{ background-color: rgb(155,  
238, 238) }
```

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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