

Converting Colors

CIELCh(89, 26.988, 197.098)

Have a look what the booklet for
CIELCh(89, 26.988, 197.098)
contains.

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Color

CIElCh(89, 26.843, 197.674)

Conversions

Conversions Part 1

Format	Color
Hex	99EEEE
RGB	153, 238, 238
RGB Percent	60%, 93%, 93%
CMY	0.3996, 0.0663, 0.0663
CMYK	0.36, 0.00, 0.00, 0.07
HSL	180°, 72%, 77%
HSV	180°, 36%, 93%
XYZ	59.2029, 74.1641, 92.1560
YIQ	212.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

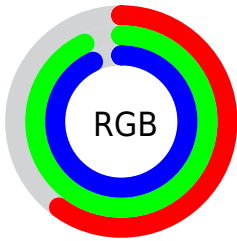
Format	Color
RYB	153, 196, 238
Decimal	10088174
CIELab	89.00, -25.58, -8.15
CIELCh	89, 26.843, 197.674
Yxy	74.1641, 0.2625, 0.3289
Android (android.graphics.Color)	4288278254 (0xFF99EEEE)
YUV	212.5850, 12.5296, -52.2560
Hunter-Lab	86.1186, -27.9963, -3.1635

Details

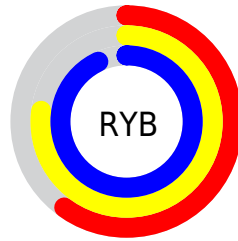
The CIELCh color **89, 26.843, 197.674** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 34.506, 22.693**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **69, 26.873, 197.292** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.750, 197.295**, and if you desaturate by 10%, it is **90, 20.115, 198.109**.

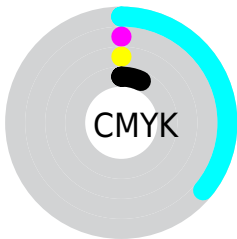
Distribution



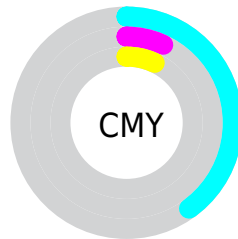
- Red (60%)
- Green (93%)
- Blue (93%)



- Red (60%)
- Yellow (77%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)




- Cyan (40%)
- Magenta (7%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 26.843, 197.674 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, 26.843, 197.674 by changing the saturation by 10% instead.

 89, 26.843,
197.674

 89, 26.843,
197.674

 100, 26.843,
197.674

 79, 26.843,
197.674

 69, 26.843,
197.674

 59, 26.843,
197.674

 49, 26.843,
197.674

 39, 26.843,
197.674


 29, 26.843,
197.674


 19, 26.843,


197.674


 9, 26.843, 197.674


 0, 26.843, 197.674

 89, 26.843,
197.674


 89, 26.843,
197.674

 88, 32.750,
197.295

 90, 20.115,
198.109

 87, 37.718,
196.984

 92, 12.700,
198.609

 87, 41.665,
196.741

 93, 4.735, 199.219

 86, 44.556,
196.564

 95, 3.650, 19.475

 95, 6.055, 19.703

 86, 46.417,

196.451

95, 6.055, 19.698

86, 47.355,
196.394

95, 6.055, 19.694

86, 47.582,
196.380

95, 6.055, 19.689

95, 6.055, 19.684

Harmonies

Complementary

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



89, 26.843, 197.674



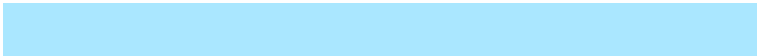
72, 34.506, 22.693

Rectangle

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



89, 26.843, 197.674



89, 26.843, 247.674



89, 26.843, 17.674



89, 26.843, 67.674

Sweetspot

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



89, 26.843, 197.671



98, 9.531, 198.869



87, 53.479, 141.427



52, 6.380, 198.791



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, 26.843, 197.671



94, 33.003, 197.385



78, 25.404, 259.497



49, 4.701, 198.963



68, 39.158, 196.380



21, 17.094, 196.381

Inverse Universe

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



72, 34.506, 22.693



72, 45.059, 23.884



81, 28.424, 69.216



47, 4.993, 19.935



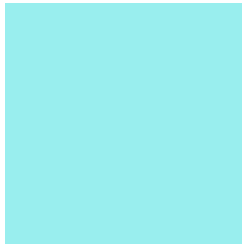
38, 81.701, 39.993



8, 29.836, 23.805

Previews

White Background



This preview shows how the CIE LCh color 89, 26.843, 197.674 looks on a white background.

Color Contrast Check

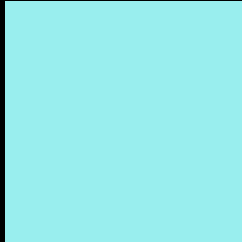
Large Text (above 18pt) WCAG AA × Fail

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, 26.843, 197.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

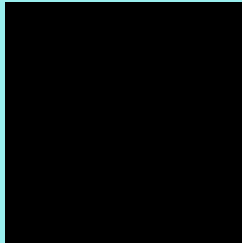
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 26.843, 197.674

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.843, 197.674.

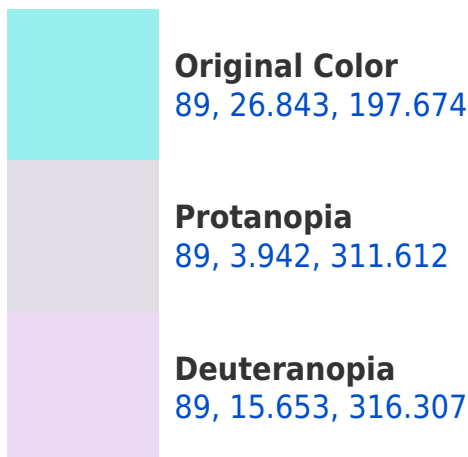



This preview shows how white text looks on a background with the CIELCh color 89, 26.843, 197.674.

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



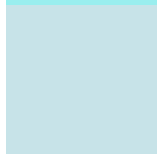


Tritanopia
89, 25.759, 220.773

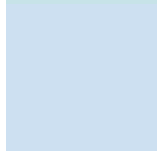
Trichromacy



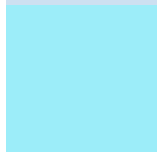
Original Color
89, 26.843, 197.674



Protanomaly
88, 9.882, 214.195



Deuteranomaly
88, 10.828, 254.394

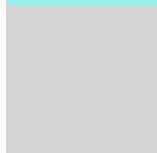


Tritanomaly
89, 25.631, 212.103

Monochromacy



Original Color
89, 26.843, 197.674



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.727, 198.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.843, 197.674 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(153, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 238, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.843, 197.674 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(153, 238, 238) }
```

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

```
.border{ border-color:rgb(153, 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(153, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(153, 238,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.843, 197.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 238, 238) }
```

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

```
.background{ background-color: rgb(153,  
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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