

Converting Colors

CIELCh(88, 26.054, 197.709)

Have a look what the booklet for
CIELCh(88, 26.054, 197.709)
contains.

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Color

CIELCh(88, 26.054, 197.709)

Conversions

Conversions Part 1

Format	Color
Hex	99EBEB
RGB	153, 235, 235
RGB Percent	60%, 92%, 92%
CMY	0.4006, 0.0791, 0.0791
CMYK	0.35, 0.00, 0.00, 0.08
HSL	180°, 67%, 76%
HSV	180°, 35%, 92%
XYZ	57.7371, 72.0653, 89.3377
YIQ	210.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

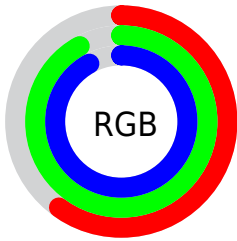
Format	Color
R _Y B	153, 194, 235
Decimal	10087403
CIE Lab	88.00, -24.82, -7.93
CIE LCh	88, 26.054, 197.709
Yxy	72.0653, 0.2635, 0.3289
Android (android.graphics.Color)	4288277483 (0xFF99EBEB)
YUV	210.4820, 12.0874, -50.4117
Hunter-Lab	84.8913, -27.1566, -2.9716

Details

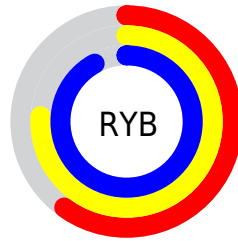
The CIELCh color **88, 26.054, 197.709** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 33.278, 22.579**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **68, 26.131, 197.324** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.966, 197.325**, and if you desaturate by 10%, it is **89, 19.341, 198.148**.

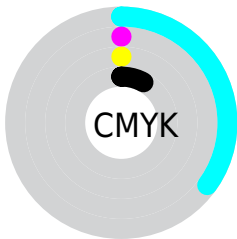
Distribution



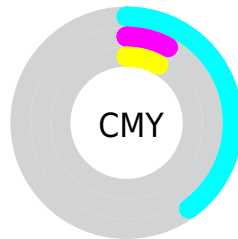
- Red (60%)
- Green (92%)
- Blue (92%)



- Red (60%)
- Yellow (76%)
- Blue (92%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 26.054, 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 88, 26.054, 197.709 by changing the saturation by 10% instead.

■ 88, 26.054,
197.709

■ 88, 26.054,
197.709

■ 100, 26.054,
197.709

■ 78, 26.054,
197.709

■ 68, 26.054,
197.709

■ 58, 26.054,
197.709

■ 48, 26.054,
197.709

■ 38, 26.054,
197.709

■ 28, 26.054,
197.709

■ 18, 26.054,

197.709

■ 8, 26.054, 197.709

■ 0, 26.054, 197.709

■ 88, 26.054,
197.709

■ 88, 26.054,
197.709

■ 87, 31.966,
197.325

■ 89, 19.341,
198.148

■ 86, 36.959,
197.009

■ 91, 11.960,
198.654

■ 86, 40.948,
196.760

■ 92, 4.046, 199.284

■ 85, 43.893,
196.579

■ 94, 4.272, 19.549

■ 95, 7.261, 19.812

■ 85, 45.817,

196.461

95, 7.261, 19.809

85, 46.816,
196.399

95, 7.261, 19.807

85, 47.088,
196.383

95, 7.261, 19.805

95, 7.261, 19.803

Harmonies

Complementary

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



88, 26.054, 197.709



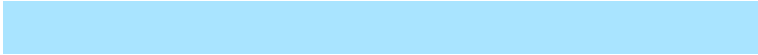
71, 33.278, 22.579

Rectangle

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



88, 26.054, 197.709



88, 26.054, 247.709



88, 26.054, 17.709



88, 26.054, 67.709

Sweetspot

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



88, 26.054, 197.706



98, 8.687, 198.931



86, 51.753, 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.



88, 26.054, 197.706



94, 32.396, 197.423



77, 24.590, 259.318



48, 4.619, 198.966



67, 38.753, 196.383



19, 16.595, 196.383

Inverse Universe

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



71, 33.278, 22.579



73, 43.869, 23.711



81, 27.435, 69.316



46, 4.905, 19.935



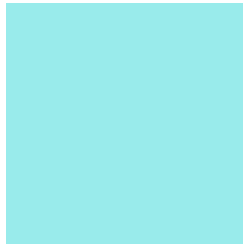
38, 80.846, 39.985



7, 28.535, 22.714

Previews

White Background



This preview shows how the CIE LCh color 88, 26.054, 197.709 looks on a white background.

Color Contrast Check

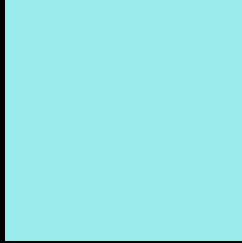
Large Text (above 18pt) WCAG AA × Fail

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 88, 26.054, 197.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

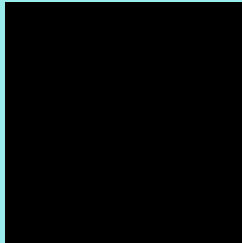
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 26.054, 197.709

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.054, 197.709.

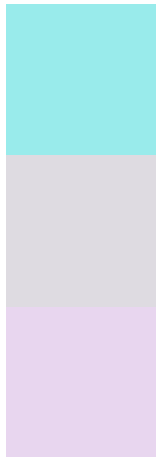


This preview shows how white text looks on a background with the CIELCh color 88, 26.054, 197.709.

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



Original Color


88, 26.054, 197.709

Protanopia

88, 3.333, 309.146

Deuteranopia

88, 14.591, 316.792



Tritanopia
88, 24.809, 221.817

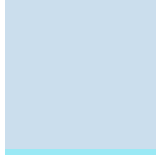
Trichromacy



Original Color
88, 26.054, 197.709



Protanomaly
88, 9.802, 211.179



Deuteranomaly
88, 10.042, 250.670

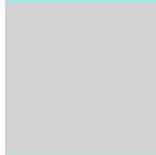


Tritanomaly
88, 24.876, 212.619

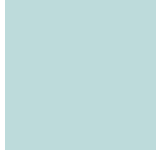
Monochromacy



Original Color
88, 26.054, 197.709



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 10.416, 198.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.054, 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(153, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(153, 235, 235)  
}
```

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, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 235, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.054, 197.709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

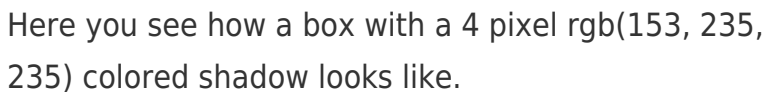
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 235, 235) }
```

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

```
.border{ border-color:rgb(153, 235, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 235, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 235, 235); box-shadow:4px 4px 4px 4px rgb(153, 235, 235) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.054, 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(153, 235, 235) }
```

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

```
.background{ background-color: rgb(153,  
235, 235) }
```

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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