

Converting Colors

CIELCh(88, 39.021, 207.973)

Have a look what the booklet for
CIELCh(88, 39.021, 207.973)
contains.

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Color

CIELCh(88, 38.987, 207.987)

Conversions

Conversions Part 1

Format	Color
Hex	5FF0FE
RGB	95, 240, 254
RGB Percent	37%, 94%, 100%
CMY	0.6264, 0.0580, 0.0031
CMYK	0.63, 0.06, 0.00, 0.00
HSL	185°, 99%, 69%
HSV	185°, 63%, 100%
XYZ	53.8954, 72.0653, 105.0193
YIQ	198.2410, -90.9140, -26.3860

Conversions

Conversions Part 2

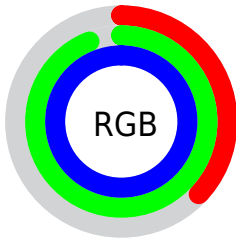
Format	Color
R _Y B	95, 171, 254
Decimal	6287614
CIE Lab	88.00, -34.43, -18.30
CIE LCh	88, 38.987, 207.987
Yxy	72.0653, 0.2333, 0.3120
Android (android.graphics.Color)	4284477694 (0xFF5FF0FE)
YUV	198.2410, 27.4892, -90.5424
Hunter-Lab	84.8913, -35.2344, -13.9240

Details

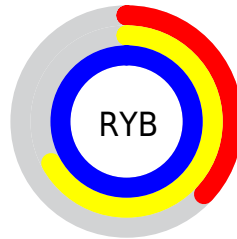
The CIELCh color **88, 38.987, 207.987** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **64, 64.918, 33.196**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **68, 37.909, 207.653** is the 20% darker color. If you saturate the color by 10%, you get **87, 41.952, 208.718**, and if you desaturate by 10%, it is **89, 34.949, 207.488**.

Distribution



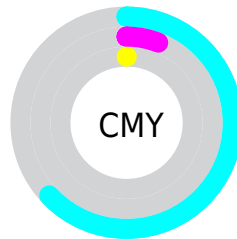
- Red (37%)
- Green (94%)
- Blue (100%)



- Red (37%)
- Yellow (67%)
- Blue (100%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (63%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 38.987, 207.987 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, 38.987, 207.987 by changing the saturation by 10% instead.

 88, 38.987,
207.987


 88, 38.987,
207.987


 100, 38.987,
207.987


 78, 38.987,
207.987

 68, 38.987,
207.987

 58, 38.987,
207.987

 48, 38.987,
207.987

 38, 38.987,
207.987

 28, 38.987,
207.987

 18, 38.987,

207.987

■ 8, 38.987, 207.987

■ 0, 38.987, 207.987

■ 88, 38.987,
207.987

■ 88, 38.987,
207.987

■ 87, 41.952,
208.718

■ 89, 34.949,
207.488

■ 86, 43.840,
209.719

■ 91, 29.905,
207.191

■ 85, 44.728,
211.018

■ 93, 23.962,
207.062

■ 84, 44.899,
212.164

■ 95, 17.248,
207.076

■ 97, 9.899, 207.219

99, 2.047, 207.678

100, 0.384,
109.948

Harmonies

Complementary

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



88, 38.987, 207.987



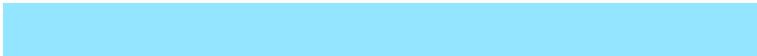
64, 64.918, 33.196

Rectangle

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



88, 38.987, 207.987



88, 38.987, 257.987



88, 38.987, 27.987



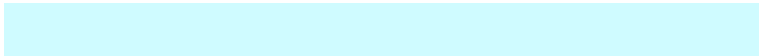
88, 38.987, 77.987

Sweetspot

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



88, 38.986, 207.986



96, 14.760, 207.112



89, 89.666, 140.896



50, 10.061, 207.082



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, 38.986, 207.986



87, 42.619, 208.941



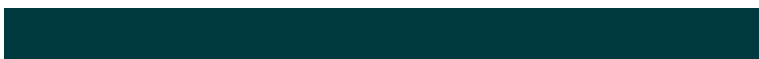
66, 52.798, 277.386



52, 4.543, 207.292



65, 36.295, 211.865



22, 16.862, 209.806

Inverse Universe

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



66, 87.762, 330.463



63, 99.017, 331.070



81, 57.117, 75.226



50, 8.527, 327.440



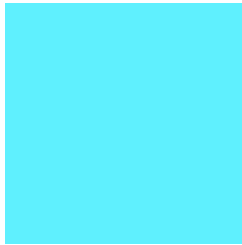
44, 86.854, 332.091



12, 40.291, 331.586

Previews

White Background



This preview shows how the CIE LCh color 88, 38.987, 207.987 looks on a white background.

Color Contrast Check

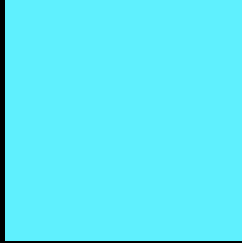
Large Text (above 18pt) WCAG AA × Fail

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, 38.987, 207.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

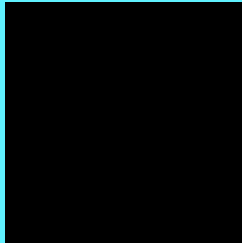
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 38.987, 207.987

Background



This preview shows how black text looks on a background with the CIELCh color 88, 38.987, 207.987.

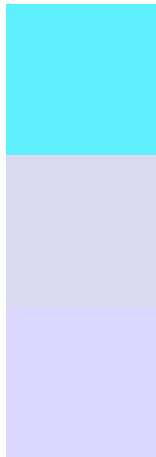


This preview shows how white text looks on a background with the CIELCh color 88, 38.987, 207.987.

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, 38.987, 207.987

Protanopia

88, 11.510, 289.420

Deuteranopia

88, 21.050, 296.453

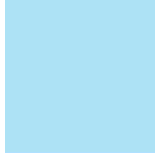


Tritanopia
88, 34.400, 213.420

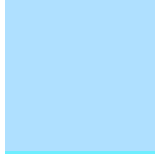
Trichromacy



Original Color
88, 38.987, 207.987



Protanomaly
87, 19.396, 229.497



Deuteranomaly
87, 21.951, 246.725

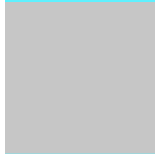


Tritanomaly
88, 36.063, 211.681

Monochromacy



Original Color
88, 38.987, 207.987



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 17.464, 207.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 38.987, 207.987 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(95, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(95, 240, 254)  
}
```

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(95, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 240, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 38.987, 207.987 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(95, 240, 254) }
```

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

```
.border{ border-color:rgb(95, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(95, 240,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 38.987, 207.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 240, 254) }
```

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

```
.background{ background-color: rgb(95, 240,  
254) }
```

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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