

Converting Colors

CIELCh(89, 38.988, 205.157)

Have a look what the booklet for
CIELCh(89, 38.988, 205.157)
contains.

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Color

CIELCh(89, 38.855, 205.625)

Conversions

Conversions Part 1

Format	Color
Hex	64F3FE
RGB	100, 243, 254
RGB Percent	39%, 95%, 100%
CMY	0.6065, 0.0460, 0.0029
CMYK	0.61, 0.04, 0.00, 0.00
HSL	184°, 99%, 70%
HSV	184°, 61%, 100%
XYZ	55.3557, 74.1641, 105.3907
YIQ	201.4970, -88.7590, -26.8950

Conversions

Conversions Part 2

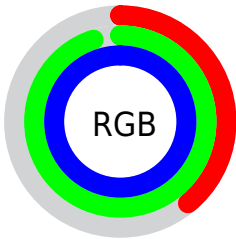
Format	Color
RYB	100, 174, 254
Decimal	6616062
CIELab	89.00, -35.03, -16.80
CIELCh	89, 38.855, 205.625
Yxy	74.1641, 0.2356, 0.3157
Android (android.graphics.Color)	4284806142 (0xFF64F3FE)
YUV	201.4970, 25.8840, -89.0129
Hunter-Lab	86.1186, -35.9704, -12.2752

Details

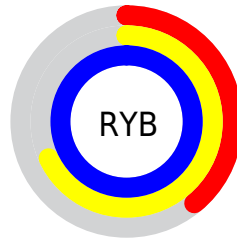
The CIELCh color **89, 38.855, 205.625** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 63.206, 31.793**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **69, 38.339, 205.778** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.088, 206.116**, and if you desaturate by 10%, it is **90, 34.545, 205.323**.

Distribution



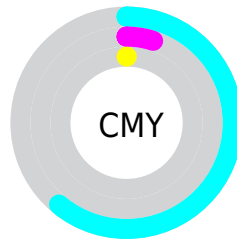
- Red (39%)
- Green (95%)
- Blue (100%)



- Red (39%)
- Yellow (68%)
- Blue (100%)



- Cyan (61%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 38.855, 205.625 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, 38.855, 205.625 by changing the saturation by 10% instead.

■ 89, 38.855,
205.625

■ 89, 38.855,
205.625

■ 100, 38.855,
205.625

■ 79, 38.855,
205.625

■ 69, 38.855,
205.625

■ 59, 38.855,
205.625

■ 49, 38.855,
205.625

■ 39, 38.855,
205.625

■ 29, 38.855,
205.625

■ 19, 38.855,


205.625


 9, 38.855, 205.625

 0, 38.855, 205.625


 89, 38.855,
205.625


 89, 38.855,
205.625


 88, 42.088,
206.116


 90, 34.545,
205.323


 87, 44.229,
206.828

 92, 29.234,
205.190

 86, 45.334,
207.779

 93, 23.034,
205.198

 86, 45.625,
208.887

 95, 16.079,
205.327

 97, 8.506, 205.575

100, 0.448,
207.271

100, 0.358,
109.935

Harmonies

Complementary

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



89, 38.855, 205.625



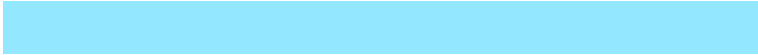
65, 63.206, 31.793

Rectangle

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



89, 38.855, 205.625



89, 38.855, 255.625



89, 38.855, 25.625



89, 38.855, 75.625

Sweetspot

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



89, 38.854, 205.623



96, 14.240, 205.378



89, 88.252, 140.721



51, 9.801, 205.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

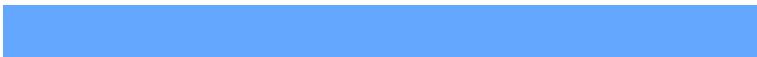
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 38.854, 205.623



88, 42.810, 206.271



68, 49.857, 275.199



52, 4.611, 205.610



66, 36.874, 208.654



22, 17.119, 207.045

Inverse Universe

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



67, 86.623, 329.785



63, 98.653, 330.351



81, 54.918, 73.995



50, 8.626, 326.945



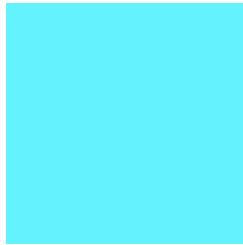
45, 87.998, 331.304



12, 40.758, 330.909

Previews

White Background



This preview shows how the CIE LCh color 89, 38.855, 205.625 looks on a white background.

Color Contrast Check

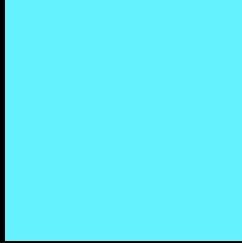
Large Text (above 18pt) WCAG AA × Fail

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, 38.855, 205.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

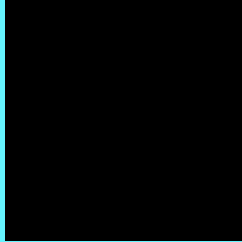
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 38.855, 205.625

Background



This preview shows how black text looks on a background with the CIELCh color 89, 38.855, 205.625.



This preview shows how white text looks on a background with the CIELCh color 89, 38.855, 205.625.

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



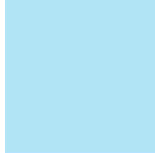


Tritanopia
89, 31.263, 213.188

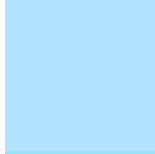
Trichromacy



Original Color
89, 38.855, 205.625



Protanomaly
88, 18.454, 227.419



Deuteranomaly
88, 20.506, 244.495

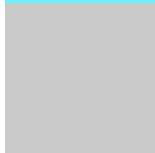


Tritanomaly
89, 34.369, 209.730

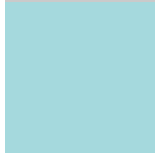
Monochromacy



Original Color
89, 38.855, 205.625



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.417, 205.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 38.855, 205.625 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(100, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(100, 243, 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(100, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 38.855, 205.625 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(100, 243, 254) }
```

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

```
.border{ border-color:rgb(100, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(100, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 38.855, 205.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 243, 254) }
```

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

```
.background{ background-color: rgb(100,  
243, 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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