

Converting Colors

CIELCh(89, 25.639, 219.292)

Have a look what the booklet for
CIELCh(89, 25.639, 219.292)
contains.

CIELCh(89, 25.638, 219.608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(89, 25.638, 219.608)

Conversions

Conversions Part 1

Format	Color
Hex	9DECFE
RGB	157, 236, 254
RGB Percent	62%, 93%, 100%
CMY	0.3851, 0.0753, 0.0047
CMYK	0.38, 0.07, 0.00, 0.00
HSL	191°, 98%, 81%
HSV	191°, 38%, 100%
XYZ	61.6585, 74.1641, 104.6589
YIQ	214.4310, -52.8620, -11.1500

Conversions

Conversions Part 2

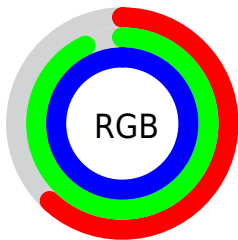
Format	Color
RYB	157, 201, 254
Decimal	10349822
CIELab	89.00, -19.75, -16.35
CIELCh	89, 25.638, 219.608
Yxy	74.1641, 0.2564, 0.3084
Android (android.graphics.Color)	4288539902 (0xFF9DEC FE)
YUV	214.4310, 19.5075, -50.3670
Hunter-Lab	86.1186, -22.9066, -11.7714

Details

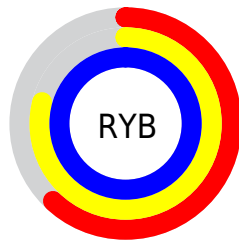
The CIELCh color **89, 25.638, 219.608** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.942, 38.035**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **69, 25.693, 219.170** is the 20% darker color. If you saturate the color by 10%, you get **87, 30.815, 220.624**, and if you desaturate by 10%, it is **92, 19.716, 218.873**.

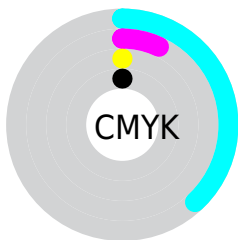
Distribution



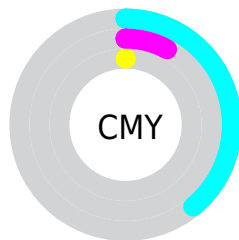
- Red (62%)
- Green (93%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 25.638, 219.608 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, 25.638, 219.608 by changing the saturation by 10% instead.

■ 89, 25.638,
219.608

■ 89, 25.638,
219.608

■ 100, 25.638,
219.608

■ 79, 25.638,
219.608

■ 69, 25.638,
219.608

■ 59, 25.638,
219.608

■ 49, 25.638,
219.608

■ 39, 25.638,
219.608

■ 29, 25.638,
219.608

■ 19, 25.638,

219.608

■ 9, 25.638, 219.608

■ 0, 25.638, 219.608

■ 89, 25.638,
219.608

■ 89, 25.638,
219.608

■ 87, 30.815,
220.624

■ 92, 19.716,
218.873

■ 84, 35.141,
221.996

■ 94, 13.166,
218.373

■ 82, 38.543,
223.801

■ 97, 6.108, 218.091

100, 0.432, 92.815

■ 80, 41.002,
226.120

100, 0.599,
110.004

■ 79, 42.578,

229.028

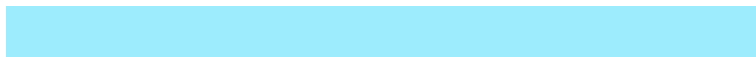
■ 77, 43.448,
232.543

■ 77, 43.580,
233.198

Harmonies

Complementary

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



89, 25.638, 219.608



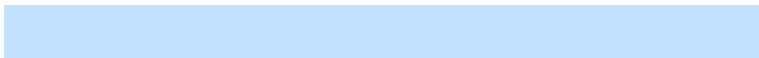
78, 33.942, 38.035

Rectangle

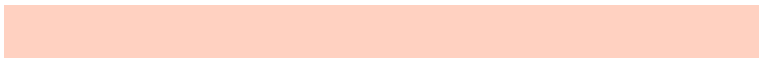
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 25.638, 219.608



89, 25.638, 269.608



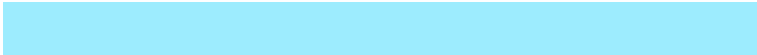
89, 25.638, 39.608



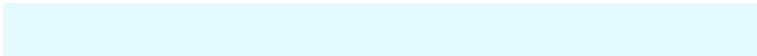
89, 25.638, 89.608

Sweetspot

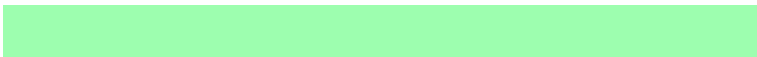
The Sweet Spot groups the original color and five complimentary colors.



89, 25.638, 219.605



97, 8.148, 218.144



92, 53.223, 146.830



51, 5.454, 218.178



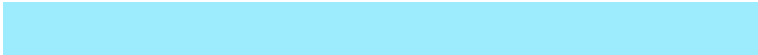
0, 0.000, 0.000



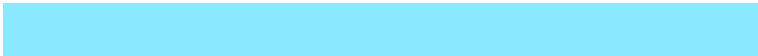
53, 0.007, 296.813

Same Dimension

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



89, 25.638, 219.605



87, 29.849, 220.371



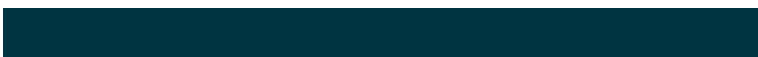
76, 36.455, 278.789



52, 4.228, 218.112



59, 35.191, 232.501



19, 16.133, 227.614

Inverse Universe

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



77, 53.260, 332.504



73, 63.634, 333.046



90, 36.416, 87.443



50, 7.964, 330.590



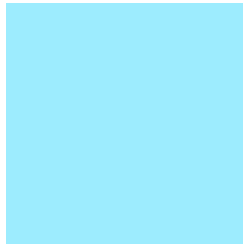
44, 80.547, 337.314



11, 37.689, 336.022

Previews

White Background



This preview shows how the CIE LCh color 89, 25.638, 219.608 looks on a white background.

Color Contrast Check

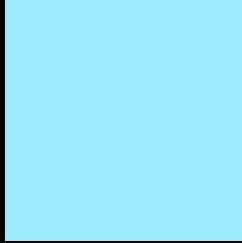
Large Text (above 18pt) WCAG AA × Fail

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, 25.638, 219.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

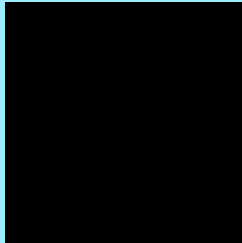
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 25.638, 219.608

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.638, 219.608.

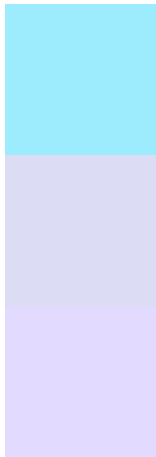


This preview shows how white text looks on a background with the CIELCh color 89, 25.638, 219.608.

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


89, 25.638, 219.608

Protanopia

89, 12.001, 289.527

Deuteranopia

89, 19.614, 300.652

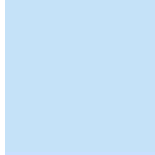


Tritanopia
89, 25.759, 220.773

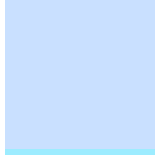
Trichromacy



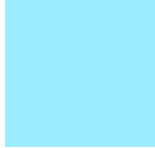
Original Color
89, 25.638, 219.608



Protanomaly
88, 14.729, 250.430



Deuteranomaly
88, 17.632, 266.172

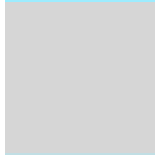


Tritanomaly
89, 25.759, 220.773

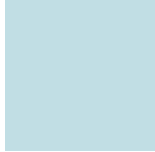
Monochromacy



Original Color
89, 25.638, 219.608



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 10.346, 216.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.638, 219.608 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(157, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(157, 236, 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(157, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 236, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.638, 219.608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

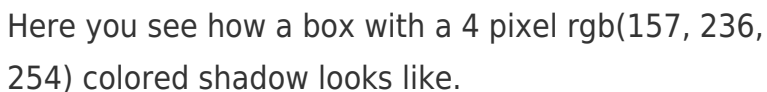
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 236, 254) }
```

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

```
.border{ border-color:rgb(157, 236, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 236, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 236, 254); box-shadow:4px 4px 4px 4px rgb(157, 236, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.638, 219.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 236, 254) }
```

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

```
.background{ background-color: rgb(157,  
236, 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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