

Converting Colors

CIELCh(89, 27.476, 217.653)

Have a look what the booklet for
CIELCh(89, 27.476, 217.653)
contains.

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Color

CIELCh(89, 27.544, 217.927)

Conversions

Conversions Part 1

Format	Color
Hex	96EDFF
RGB	150, 237, 255
RGB Percent	59%, 93%, 100%
CMY	0.4123, 0.0711, 0.0006
CMYK	0.41, 0.07, 0.00, 0.00
HSL	190°, 100%, 79%
HSV	190°, 41%, 100%
XYZ	60.8185, 74.1641, 105.5924
YIQ	213.0390, -57.6300, -12.8460

Conversions

Conversions Part 2

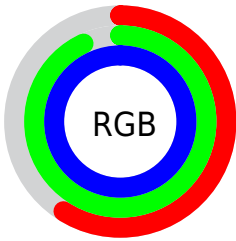
Format	Color
RYB	150, 198, 255
Decimal	9891327
CIELab	89.00, -21.73, -16.93
CIELCh	89, 27.544, 217.927
Yxy	74.1641, 0.2528, 0.3083
Android (android.graphics.Color)	4288081407 (0xFF96EDFF)
YUV	213.0390, 20.6868, -55.2852
Hunter-Lab	86.1186, -24.6476, -12.4141

Details

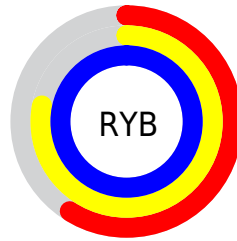
The CIELCh color **89, 27.544, 217.927** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 37.513, 36.886**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **69, 27.593, 217.481** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.500, 218.914**, and if you desaturate by 10%, it is **91, 21.788, 217.219**.

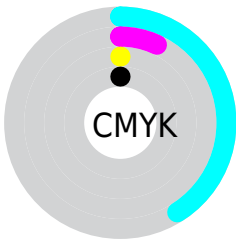
Distribution



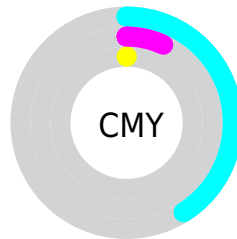
- Red (59%)
- Green (93%)
- Blue (100%)



- Red (59%)
- Yellow (78%)
- Blue (100%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 27.544, 217.927 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, 27.544, 217.927 by changing the saturation by 10% instead.

■ 89, 27.544,
217.927

■ 89, 27.544,
217.927

■ 100, 27.544,
217.927

■ 79, 27.544,
217.927

■ 69, 27.544,
217.927

■ 59, 27.544,
217.927

■ 49, 27.544,
217.927

■ 39, 27.544,
217.927

■ 29, 27.544,
217.927

■ 19, 27.544,

217.927

■ 9, 27.544, 217.927

■ 0, 27.544, 217.927

■ 89, 27.544,
217.927

■ 89, 27.544,
217.927

■ 87, 32.500,
218.914

■ 91, 21.788,
217.219

■ 85, 36.554,
220.254

■ 94, 15.351,
216.746

■ 83, 39.644,
222.019

■ 97, 8.356, 216.473

■ 81, 41.765,
224.286

■ 100, 0.918,
216.941

■ 80, 43.002,

100, 0.063,
108.943

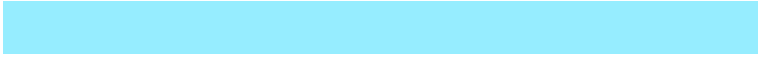
227.121

■ 78, 43.559,
230.053

Harmonies

Complementary

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



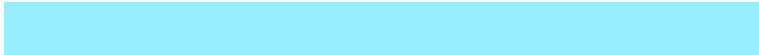
89, 27.544, 217.927



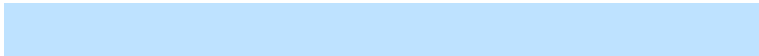
77, 37.513, 36.886

Rectangle

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



89, 27.544, 217.927



89, 27.544, 267.927



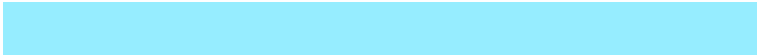
89, 27.544, 37.927



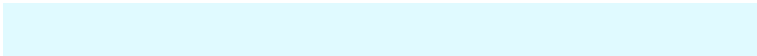
89, 27.544, 87.927

Sweetspot

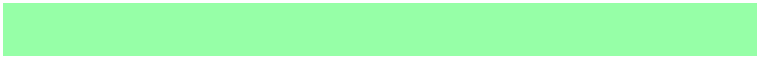
The Sweet Spot groups the original color and five complimentary colors.



89, 27.544, 217.924



97, 8.939, 216.487



92, 58.120, 145.968



51, 5.907, 216.513



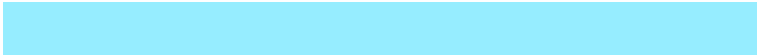
0, 0.000, 0.000



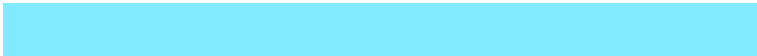
53, 0.007, 296.813

Same Dimension

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



89, 27.544, 217.924



87, 31.499, 218.669



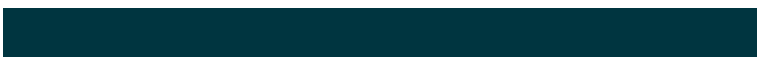
75, 38.693, 278.224



52, 4.264, 216.449



60, 35.085, 229.401



20, 16.148, 224.909

Inverse Universe

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



76, 57.956, 332.184



72, 68.016, 332.713



89, 38.962, 85.674



50, 8.044, 330.105



44, 81.414, 336.488



12, 38.050, 335.327

Previews

White Background



This preview shows how the CIE LCh color 89, 27.544, 217.927 looks on a white background.

Color Contrast Check

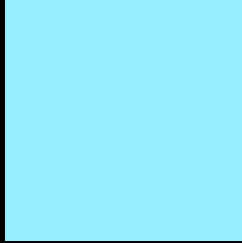
Large Text (above 18pt) WCAG AA × Fail

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, 27.544, 217.927 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, 27.544, 217.927

Background



This preview shows how black text looks on a background with the CIELCh color 89, 27.544, 217.927.

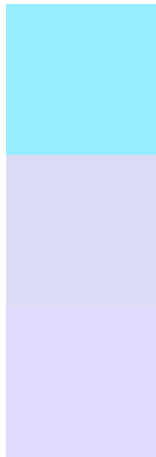


This preview shows how white text looks on a background with the CIELCh color 89, 27.544, 217.927.

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, 27.544, 217.927

Protanopia

89, 12.522, 289.640

Deuteranopia

89, 19.562, 299.670



Tritanopia
89, 26.946, 219.654

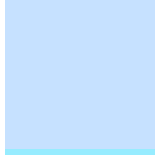
Trichromacy



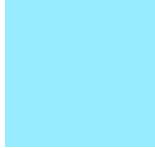
Original Color
89, 27.544, 217.927



Protanomaly
89, 15.537, 246.755



Deuteranomaly
88, 17.712, 261.582

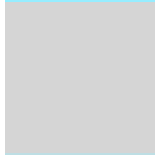


Tritanomaly
89, 27.180, 219.444

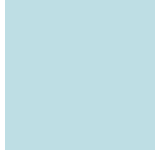
Monochromacy



Original Color
89, 27.544, 217.927



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 11.286, 214.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 27.544, 217.927 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(150, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 237, 255)  
}
```

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(150, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 27.544, 217.927 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(150, 237, 255) }
```

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

```
.border{ border-color:rgb(150, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 27.544, 217.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 237, 255) }
```

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

```
.background{ background-color: rgb(150,  
237, 255) }
```

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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