

Converting Colors

CIELCh(89, 29.928, 213.035)

Have a look what the booklet for
CIELCh(89, 29.928, 213.035)
contains.

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Color

CIELCh(89, 29.927, 213.986)

Conversions

Conversions Part 1

Format	Color
Hex	8CEEFE
RGB	140, 238, 254
RGB Percent	55%, 93%, 100%
CMY	0.4494, 0.0651, 0.0024
CMYK	0.45, 0.06, 0.00, 0.00
HSL	188°, 99%, 77%
HSV	188°, 45%, 100%
XYZ	59.5201, 74.1641, 105.2708
YIQ	210.5220, -63.5440, -15.8000

Conversions

Conversions Part 2

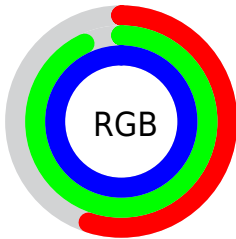
Format	Color
R _Y B	140, 193, 254
Decimal	9236222
CIE Lab	89.00, -24.81, -16.73
CIE LCh	89, 29.927, 213.986
Yxy	74.1641, 0.2491, 0.3104
Android (android.graphics.Color)	4287426302 (0xFF8CEEFE)
YUV	210.5220, 21.4347, -61.8478
Hunter-Lab	86.1186, -27.3388, -12.1927

Details

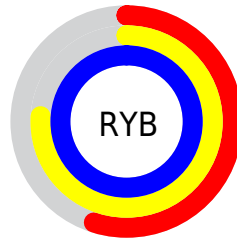
The CIELCh color **89, 29.927, 213.986** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 42.227, 34.477**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **69, 29.994, 213.389** is the 20% darker color. If you saturate the color by 10%, you get **87, 34.595, 214.795**, and if you desaturate by 10%, it is **91, 24.382, 213.429**.

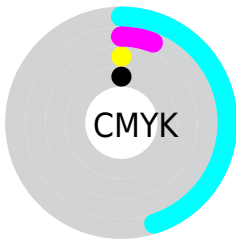
Distribution



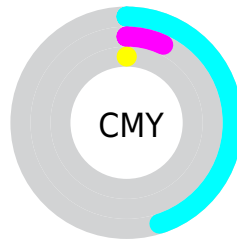
- Red (55%)
- Green (93%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 29.927, 213.986 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, 29.927, 213.986 by changing the saturation by 10% instead.

■ 89, 29.927,
213.986

■ 89, 29.927,
213.986

■ 100, 29.927,
213.986

■ 79, 29.927,
213.986

■ 69, 29.927,
213.986

■ 59, 29.927,
213.986

■ 49, 29.927,
213.986

■ 39, 29.927,
213.986

■ 29, 29.927,
213.986

■ 19, 29.927,


213.986

 9, 29.927, 213.986


 0, 29.927, 213.986


 89, 29.927,
213.986

 89, 29.927,
213.986


 87, 34.595,
214.795


 91, 24.382,
213.429

 85, 38.291,
215.919

 93, 18.082,
213.085

 84, 40.964,
217.418

 96, 11.153,
212.918

 82, 42.633,
219.353

 98, 3.722, 212.975

100, 0.298,
109.896

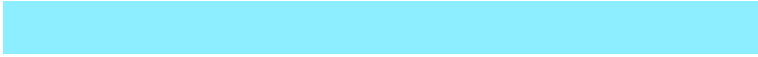
221.772

■ 81, 43.572,
223.182

Harmonies

Complementary

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



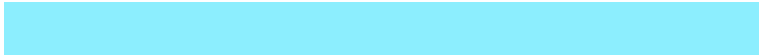
89, 29.927, 213.986



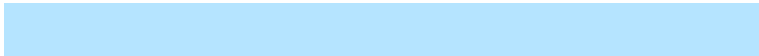
74, 42.227, 34.477

Rectangle

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



89, 29.927, 213.986



89, 29.927, 263.986



89, 29.927, 33.986



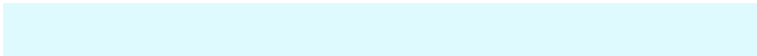
89, 29.927, 83.986

Sweetspot

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



89, 29.927, 213.984



97, 9.861, 212.906



91, 64.393, 144.531



51, 6.856, 212.921



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, 29.927, 213.984



87, 34.317, 214.719



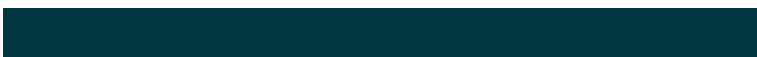
74, 40.319, 276.473



52, 4.355, 212.903



62, 35.182, 222.662



20, 16.293, 219.080

Inverse Universe

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



74, 63.922, 331.297



70, 75.569, 331.876



87, 41.446, 82.338



50, 8.222, 329.075



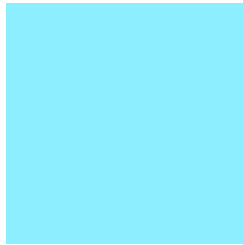
44, 83.378, 334.758



12, 38.864, 333.864

Previews

White Background



This preview shows how the CIE LCh color 89, 29.927, 213.986 looks on a white background.

Color Contrast Check

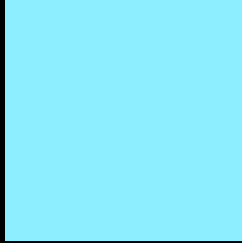
Large Text (above 18pt) WCAG AA × Fail

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, 29.927, 213.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

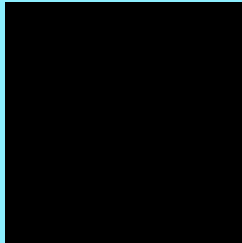
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 29.927, 213.986

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.927, 213.986.

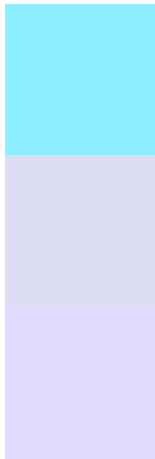


This preview shows how white text looks on a background with the CIELCh color 89, 29.927, 213.986.

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, 29.927, 213.986

Protanopia
89, 11.480, 289.408

Deuteranopia
89, 19.562, 299.670

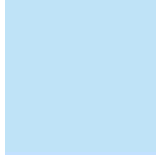


Tritanopia
89, 28.011, 217.553

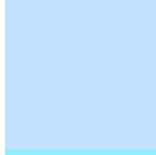
Trichromacy



Original Color
89, 29.927, 213.986



Protanomaly
88, 15.525, 241.277



Deuteranomaly
88, 18.167, 258.954

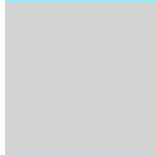


Tritanomaly
89, 28.853, 215.780

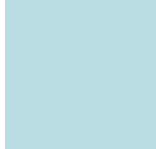
Monochromacy



Original Color
89, 29.927, 213.986



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.543, 213.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.927, 213.986 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(140, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(140, 238, 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(140, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 238, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.927, 213.986 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(140, 238, 254) }
```

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

```
.border{ border-color:rgb(140, 238, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(140, 238,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.927, 213.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 238, 254) }
```

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

```
.background{ background-color: rgb(140,  
238, 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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