

Converting Colors

CIELCh(89, 29.708, 197.529)

Have a look what the booklet for
CIELCh(89, 29.708, 197.529)
contains.

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Color

CIELCh(89, 29.929, 197.489)

Conversions

Conversions Part 1

Format	Color
Hex	8FF0F0
RGB	143, 240, 240
RGB Percent	56%, 94%, 94%
CMY	0.4407, 0.0603, 0.0603
CMYK	0.40, 0.00, 0.00, 0.06
HSL	180°, 76%, 75%
HSV	180°, 40%, 94%
XYZ	57.9764, 74.1641, 93.3961
YIQ	210.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

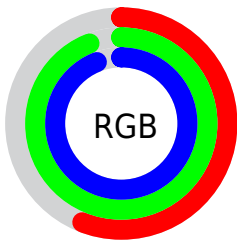
Format	Color
R_{YB}	143, 192, 240
Decimal	9433328
CIE _{Lab}	89.00, -28.55, -8.99
CIE _{LCh}	89, 29.929, 197.489
Yxy	74.1641, 0.2571, 0.3288
Android (android.graphics.Color)	4287623408 (0xFF8FF0F0)
YUV	210.9970, 14.2985, -59.6334
Hunter-Lab	86.1186, -30.5386, -4.0173

Details

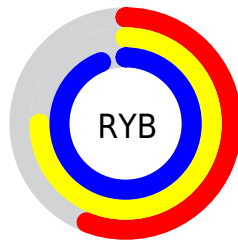
The CIELCh color **89, 29.929, 197.489** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 39.984, 23.434**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **69, 30.042, 197.068** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.427, 197.141**, and if you desaturate by 10%, it is **90, 23.546, 197.895**.

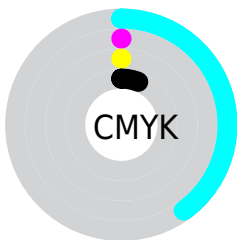
Distribution



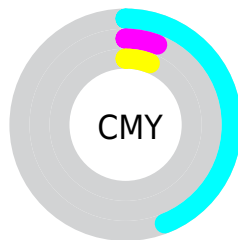
- Red (56%)
- Green (94%)
- Blue (94%)



- Red (56%)
- Yellow (75%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 29.929, 197.489 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, 29.929, 197.489 by changing the saturation by 10% instead.

 89, 29.929,
197.489

 89, 29.929,
197.489

 100, 29.929,
197.489

 79, 29.929,
197.489

 69, 29.929,
197.489

 59, 29.929,
197.489

 49, 29.929,
197.489

 39, 29.929,
197.489

 29, 29.929,
197.489

 19, 29.929,


197.489


 9, 29.929, 197.489


 0, 29.929, 197.489


 89, 29.929,
197.489


 89, 29.929,
197.489

 88, 35.427,
197.141


 90, 23.546,
197.895

 87, 39.936,
196.863

 91, 16.406,
198.365

 87, 43.393,
196.652

 93, 8.648, 198.905

 86, 45.793,
196.507

 95, 0.406, 200.935

 96, 5.499, 19.659

 86, 47.199,

196.422

96, 5.499, 19.659

86, 47.809,
196.386

96, 5.499, 19.658

96, 5.499, 19.658

96, 5.499, 19.657

Harmonies

Complementary

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



89, 29.929, 197.489



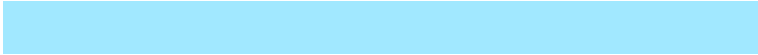
69, 39.984, 23.434

Rectangle

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



89, 29.929, 197.489



89, 29.929, 247.489



89, 29.929, 17.489



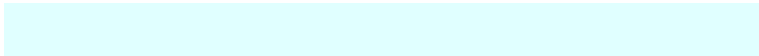
89, 29.929, 67.489

Sweetspot

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



89, 29.929, 197.486



98, 10.369, 198.815



87, 60.699, 140.968



52, 6.853, 198.741



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, 29.929, 197.486



93, 36.433, 197.183



76, 28.815, 260.611



49, 4.701, 198.966



68, 39.157, 196.386



21, 17.094, 196.386

Inverse Universe

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



69, 39.984, 23.434



69, 52.291, 25.038



80, 32.792, 68.625



47, 4.993, 19.938



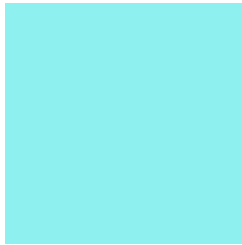
38, 81.703, 39.995



8, 29.836, 23.806

Previews

White Background



This preview shows how the CIE LCh color 89, 29.929, 197.489 looks on a white background.

Color Contrast Check

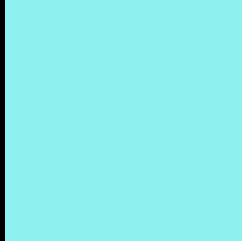
Large Text (above 18pt) WCAG AA × Fail

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, 29.929, 197.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

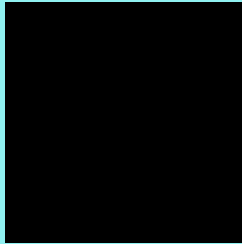
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 29.929, 197.489

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.929, 197.489.

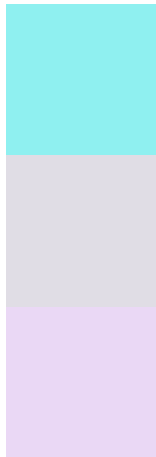


This preview shows how white text looks on a background with the CIELCh color 89, 29.929, 197.489.

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, 29.929, 197.489

Protanopia

89, 4.328, 304.746

Deuteranopia

89, 16.461, 313.659



Tritanopia
89, 27.309, 218.120

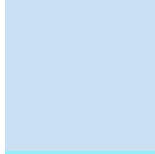
Trichromacy



Original Color
89, 29.929, 197.489



Protanomaly
88, 11.780, 211.545



Deuteranomaly
88, 12.206, 249.578

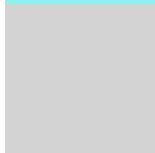


Tritanomaly
89, 27.842, 209.699

Monochromacy



Original Color
89, 29.929, 197.489



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.056, 198.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.929, 197.489 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(143, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(143, 240, 240)  
}
```

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(143, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.929, 197.489 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(143, 240, 240) }
```

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

```
.border{ border-color:rgb(143, 240, 240) }
```

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

Here you see how a box with a 4 pixel rgb(143, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(143, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.929, 197.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 240, 240) }
```

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

```
.background{ background-color: rgb(143,  
240, 240) }
```

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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