

Converting Colors

CIELCh(88, 46.808, 201.983)

Have a look what the booklet for
CIELCh(88, 46.808, 201.983)
contains.

CIELCh(88, 46.708, 202.405)	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(88, 46.708, 202.405)

Conversions

Conversions Part 1

Format	Color
Hex	1AF4FD
RGB	26, 244, 253
RGB Percent	10%, 96%, 99%
CMY	0.8969, 0.0428, 0.0075
CMYK	0.90, 0.04, 0.00, 0.01
HSL	182°, 98%, 55%
HSV	182°, 90%, 99%
XYZ	50.5469, 72.0653, 104.2358
YIQ	179.8440, -132.8170, -43.4170

Conversions

Conversions Part 2

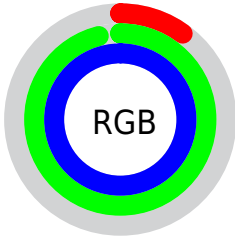
Format	Color
R _Y B	26, 137, 253
Decimal	1766653
CIE Lab	88.00, -43.18, -17.80
CIE LCh	88, 46.708, 202.405
Yxy	72.0653, 0.2228, 0.3177
Android (android.graphics.Color)	4279956733 (0xFF1AF4FD)
YUV	179.8440, 36.0659, -134.9212
Hunter-Lab	84.8913, -42.2752, -13.3768

Details

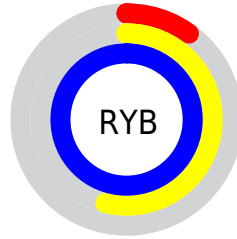
The CIELCh color **88, 46.708, 202.405** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **54, 96.918, 38.262**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.689, 197.109**, and **69, 38.645, 203.992** is the 20% darker color. If you saturate the color by 10%, you get **88, 47.156, 202.978**, and if you desaturate by 10%, it is **89, 45.400, 201.969**.

Distribution



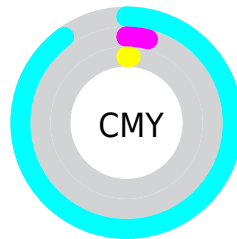
- Red (10%)
- Green (96%)
- Blue (99%)



- Red (10%)
- Yellow (54%)
- Blue (99%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (90%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 46.708, 202.405 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 88, 46.708, 202.405 by changing the saturation by 10% instead.

 88, 46.708,
202.405


 88, 46.708,
202.405


 100, 46.708,
202.405


 78, 46.708,
202.405

 68, 46.708,
202.405

 58, 46.708,
202.405

 48, 46.708,
202.405

 38, 46.708,
202.405

 28, 46.708,
202.405

 18, 46.708,

202.405

■ 8, 46.708, 202.405

■ 0, 46.708, 202.405

■ 88, 46.708,
202.405

■ 88, 46.708,
202.405

■ 88, 47.156,
202.978

■ 89, 45.400,
201.969

■ 88, 47.167,
203.001

■ 89, 43.041,
201.683

■ 90, 39.578,
201.540

■ 91, 35.030,
201.527

■ 92, 29.473,

201.631

■ 94, 23.021,
201.838

■ 96, 15.809,
202.137

■ 97, 7.979, 202.534

■ 99, 0.335, 20.885

Harmonies

Complementary

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



88, 46.708, 202.405



54, 96.918, 38.262

Rectangle

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



88, 46.708, 202.405



88, 46.708, 252.405



88, 46.708, 22.405



88, 46.708, 72.405

Sweetspot

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



88, 46.707, 202.404



95, 21.338, 201.907



87, 115.300, 136.740



50, 14.186, 201.817



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 46.707, 202.404



88, 47.438, 203.004



56, 69.801, 283.508



52, 4.752, 202.539



68, 38.242, 202.884



23, 17.700, 202.061

Inverse Universe

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



60, 109.399, 329.687



60, 111.960, 329.908



71, 79.018, 65.613



50, 8.816, 326.032



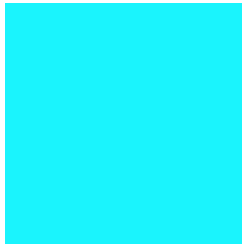
45, 90.227, 329.879



12, 41.665, 329.673

Previews

White Background



This preview shows how the CIE LCh color 88, 46.708, 202.405 looks on a white background.

Color Contrast Check

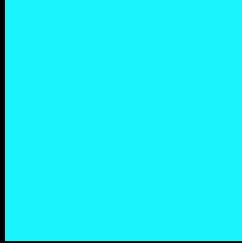
Large Text (above 18pt) WCAG AA × Fail

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 88, 46.708, 202.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

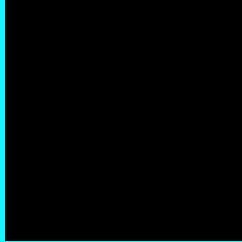
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 46.708, 202.405

Background



This preview shows how black text looks on a background with the CIELCh color 88, 46.708, 202.405.

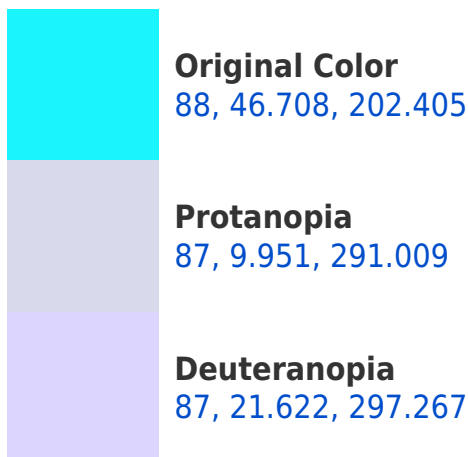


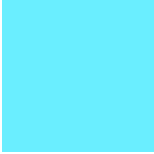
This preview shows how white text looks on a background with the CIELCh color 88, 46.708, 202.405.

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



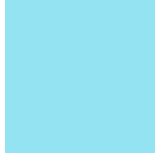


Tritanopia
88, 36.769, 211.359

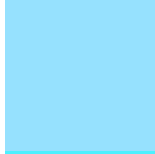
Trichromacy



Original Color
88, 46.708, 202.405



Protanomaly
86, 25.357, 216.142



Deuteranomaly
86, 26.690, 233.249

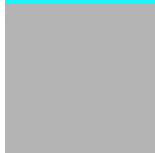


Tritanomaly
88, 41.523, 207.168

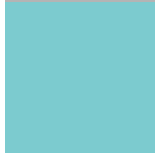
Monochromacy



Original Color
88, 46.708, 202.405



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 25.130, 202.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 46.708, 202.405 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(26, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(26, 244, 253)  
}
```

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(26, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 244, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 46.708, 202.405 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(26, 244, 253) }
```

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

```
.border{ border-color:rgb(26, 244, 253) }
```

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

Here you see how a box with a 4 pixel rgb(26, 244, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(26, 244,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 46.708, 202.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 244, 253) }
```

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

```
.background{ background-color: rgb(26, 244,  
253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor