

Converting Colors

CIELCh(88, 34.473, 213.718)

Have a look what the booklet for
CIELCh(88, 34.473, 213.718)
contains.

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Color

CIELCh(88, 34.574, 212.398)

Conversions

Conversions Part 1

Format	Color
Hex	76EEFF
RGB	118, 238, 255
RGB Percent	46%, 93%, 100%
CMY	0.5381, 0.0675, 0.0008
CMYK	0.54, 0.07, 0.00, 0.00
HSL	187°, 100%, 73%
HSV	187°, 54%, 100%
XYZ	55.9667, 72.0653, 105.3852
YIQ	204.0580, -76.9770, -20.1530

Conversions

Conversions Part 2

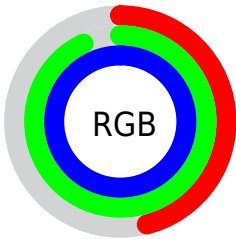
Format	Color
R_{YB}	118, 182, 255
Decimal	7794431
CIE _{Lab}	88.00, -29.19, -18.52
CIE _{LCh}	88, 34.574, 212.398
Yxy	72.0653, 0.2398, 0.3087
Android (android.graphics.Color)	4285984511 (0xFF76EEFF)
YUV	204.0580, 25.1144, -75.4729
Hunter-Lab	84.8913, -30.8791, -14.1795

Details

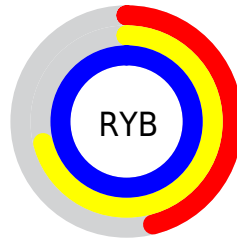
The CIELCh color **88, 34.574, 212.398** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 53.094, 34.173**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.270, 197.921**, and **68, 34.634, 211.835** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.396, 213.304**, and if you desaturate by 10%, it is **90, 29.766, 211.763**.

Distribution



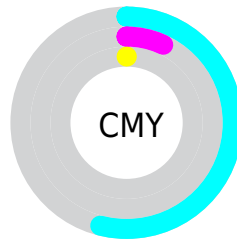
- Red (46%)
- Green (93%)
- Blue (100%)



- Red (46%)
- Yellow (71%)
- Blue (100%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 34.574, 212.398 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, 34.574, 212.398 by changing the saturation by 10% instead.

 88, 34.574,
212.398


 88, 34.574,
212.398

 100, 34.574,
212.398

 78, 34.574,
212.398

 68, 34.574,
212.398

 58, 34.574,
212.398

 48, 34.574,
212.398

 38, 34.574,
212.398

 28, 34.574,
212.398

 18, 34.574,

212.398

■ 8, 34.574, 212.398

■ 0, 34.574, 212.398

■ 88, 34.574,
212.398

■ 88, 34.574,
212.398

■ 86, 38.396,
213.304

■ 90, 29.766,
211.763

■ 85, 41.177,
214.539

■ 92, 24.075,
211.355

■ 84, 42.921,
216.154

■ 94, 17.625,
211.135

■ 83, 43.723,
218.194

■ 96, 10.548,
211.074

■ 82, 43.886,

■ 99, 2.969, 211.263

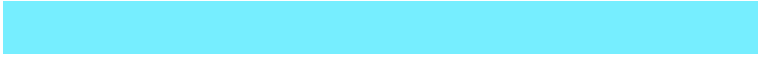
219.649

100, 0.098,
109.379

Harmonies

Complementary

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



88, 34.574, 212.398



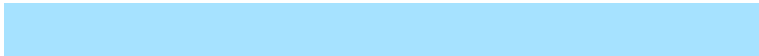
69, 53.094, 34.173

Rectangle

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



88, 34.574, 212.398



88, 34.574, 262.398



88, 34.574, 32.398



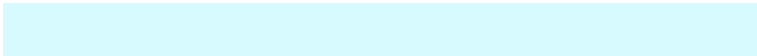
88, 34.574, 82.398

Sweetspot

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



88, 34.573, 212.396



96, 12.178, 211.074



90, 77.173, 142.951



51, 8.169, 211.081



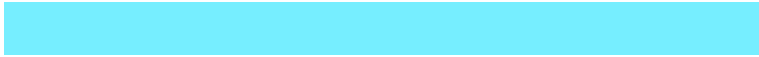
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

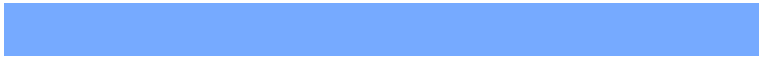
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 34.573, 212.396



86, 38.819, 213.437



69, 47.593, 277.529



52, 4.409, 211.101



63, 35.407, 219.197



21, 16.429, 216.099

Inverse Universe

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



70, 76.081, 331.265



65, 88.325, 331.929



84, 49.673, 79.562



50, 8.316, 328.551



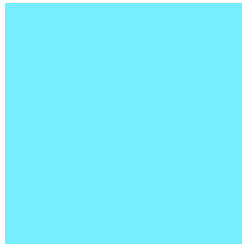
44, 84.441, 333.893



12, 39.302, 333.129

Previews

White Background



This preview shows how the CIE LCh color 88, 34.574, 212.398 looks on a white background.

Color Contrast Check

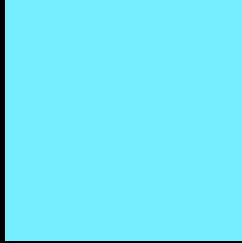
Large Text (above 18pt) WCAG AA × Fail

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, 34.574, 212.398 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, 34.574, 212.398

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.574, 212.398.

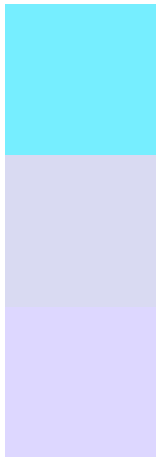


This preview shows how white text looks on a background with the CIELCh color 88, 34.574, 212.398.

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

88, 34.574, 212.398

Protanopia

88, 12.554, 289.654

Deuteranopia

88, 21.083, 297.363



Tritanopia
88, 32.818, 214.302

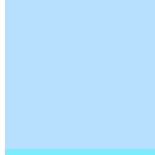
Trichromacy



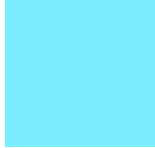
Original Color
88, 34.574, 212.398



Protanomaly
87, 17.994, 238.675



Deuteranomaly
87, 20.674, 253.370

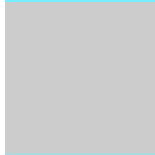


Tritanomaly
88, 33.422, 213.956

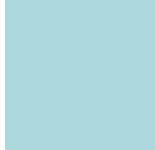
Monochromacy



Original Color
88, 34.574, 212.398



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 14.747, 210.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.574, 212.398 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(118, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 238, 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(118, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 238, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.574, 212.398 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(118, 238, 255) }
```

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

```
.border{ border-color:rgb(118, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(118, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 238,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.574, 212.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 238, 255) }
```

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

```
.background{ background-color: rgb(118,  
238, 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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