

Converting Colors

CIELCh(88, 34.381, 212.495)

Have a look what the booklet for
CIELCh(88, 34.381, 212.495)
contains.

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Color

CIELCh(88, 34.381, 212.495)

Conversions

Conversions Part 1

Format	Color
Hex	77EEFF
RGB	119, 238, 255
RGB Percent	47%, 93%, 100%
CMY	0.5346, 0.0679, 0.0012
CMYK	0.53, 0.07, 0.00, 0.00
HSL	187°, 100%, 73%
HSV	187°, 53%, 100%
XYZ	56.0446, 72.0653, 105.2984
YIQ	204.3570, -76.3810, -19.9410

Conversions

Conversions Part 2

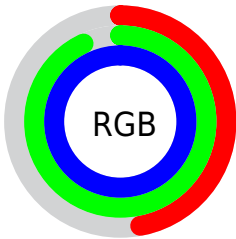
Format	Color
RYB	119, 182, 255
Decimal	7859967
CIELab	88.00, -29.00, -18.47
CIELCh	88, 34.381, 212.495
Yxy	72.0653, 0.2401, 0.3088
Android (android.graphics.Color)	4286050047 (0xFF77EEFF)
YUV	204.3570, 24.9670, -74.8581
Hunter-Lab	84.8913, -30.7154, -14.1189

Details

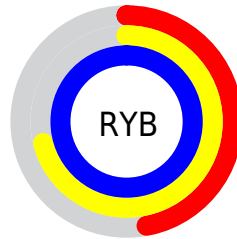
The CIELCh color **88, 34.381, 212.495** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 52.611, 34.191**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.987, 197.938**, and **68, 34.414, 211.947** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.239, 213.400**, and if you desaturate by 10%, it is **90, 29.542, 211.861**.

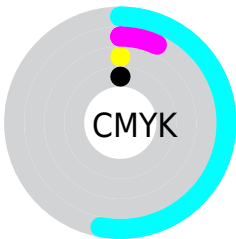
Distribution



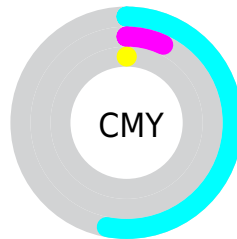
- Red (47%)
- Green (93%)
- Blue (100%)



- Red (47%)
- Yellow (71%)
- Blue (100%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 34.381, 212.495 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, 34.381, 212.495 by changing the saturation by 10% instead.

 88, 34.381,
212.495


 88, 34.381,
212.495

 100, 34.381,
212.495

 78, 34.381,
212.495

 68, 34.381,
212.495

 58, 34.381,
212.495

 48, 34.381,
212.495

 38, 34.381,
212.495


 28, 34.381,
212.495

 18, 34.381,

212.495


 8, 34.381, 212.495


 0, 34.381, 212.495


 88, 34.381,
212.495

 88, 34.381,
212.495

 86, 38.239,
213.400


 90, 29.542,
211.861


 85, 41.057,
214.633

 92, 23.826,
211.454

 84, 42.839,
216.248

 94, 17.357,
211.234

 82, 43.674,
218.290

 96, 10.266,
211.175

 82, 43.855,

 99, 2.678, 211.386

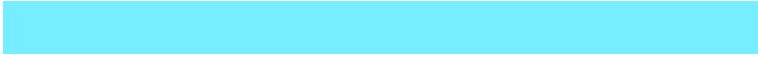
219.841

100, 0.147,
109.642

Harmonies

Complementary

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



88, 34.381, 212.495



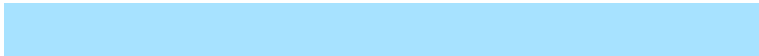
69, 52.611, 34.191

Rectangle

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



88, 34.381, 212.495



88, 34.381, 262.495



88, 34.381, 32.495



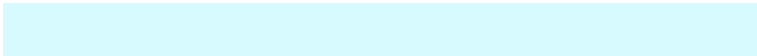
88, 34.381, 82.495

Sweetspot

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



88, 34.380, 212.493



96, 12.170, 211.175



90, 76.674, 142.998



51, 8.164, 211.183



0, 0.000, 0.000



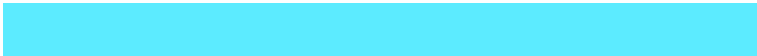
53, 0.007, 296.813

Same Dimension

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



88, 34.380, 212.493



86, 38.473, 213.464



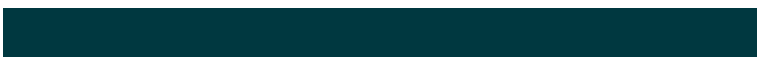
70, 47.242, 277.421



52, 4.406, 211.199



63, 35.391, 219.386



21, 16.420, 216.262

Inverse Universe

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



70, 75.569, 331.275



66, 87.299, 331.905



84, 49.304, 79.617



50, 8.311, 328.580



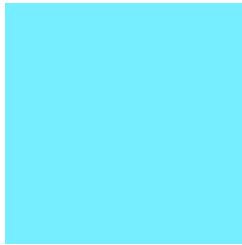
44, 84.382, 333.940



12, 39.278, 333.169

Previews

White Background



This preview shows how the CIE LCh color 88, 34.381, 212.495 looks on a white background.

Color Contrast Check

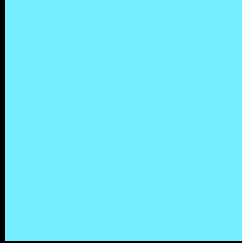
Large Text (above 18pt) WCAG AA × Fail

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, 34.381, 212.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

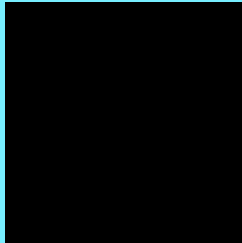
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 34.381, 212.495

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.381, 212.495.

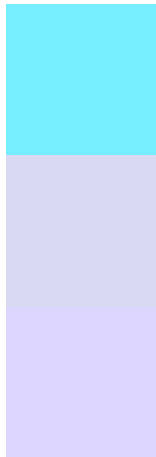


This preview shows how white text looks on a background with the CIELCh color 88, 34.381, 212.495.

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, 34.381, 212.495

Protanopia

88, 12.554, 289.654

Deuteranopia

88, 21.083, 297.363

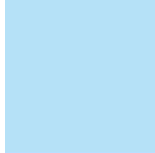


Tritanopia
88, 32.818, 214.302

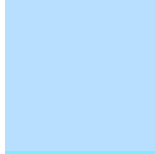
Trichromacy



Original Color
88, 34.381, 212.495



Protanomaly
87, 17.994, 238.675



Deuteranomaly
87, 20.501, 254.055

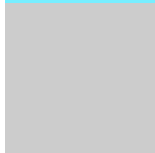


Tritanomaly
88, 33.422, 213.956

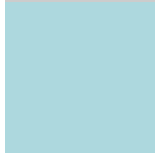
Monochromacy



Original Color
88, 34.381, 212.495



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, 34.381, 212.495 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(119, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 238, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.381, 212.495 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(119, 238, 255) }
```

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

```
.border{ border-color:rgb(119, 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(119, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 238,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.381, 212.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 238, 255) }
```

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

```
.background{ background-color: rgb(119,  
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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