

Converting Colors

CIELCh(88, 34.882, 211.384)

Have a look what the booklet for
CIELCh(88, 34.882, 211.384)
contains.

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Color

CIELCh(88, 34.933, 211.312)

Conversions

Conversions Part 1

Format	Color
Hex	74EEFE
RGB	116, 238, 254
RGB Percent	45%, 93%, 100%
CMY	0.5448, 0.0664, 0.0037
CMYK	0.54, 0.06, 0.00, 0.00
HSL	187°, 99%, 73%
HSV	187°, 54%, 100%
XYZ	55.7057, 72.0653, 104.7949
YIQ	203.3460, -77.8480, -20.8880

Conversions

Conversions Part 2

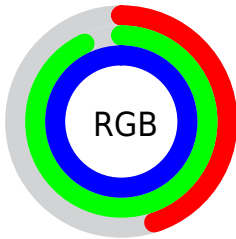
Format	Color
R _Y B	116, 181, 254
Decimal	7663358
CIE Lab	88.00, -29.85, -18.15
CIE LCh	88, 34.933, 211.312
Yxy	72.0653, 0.2395, 0.3099
Android (android.graphics.Color)	4285853438 (0xFF74EEFE)
YUV	203.3460, 24.9724, -76.6024
Hunter-Lab	84.8913, -31.4280, -13.7673

Details

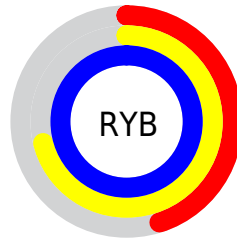
The CIELCh color **88, 34.933, 211.312** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 53.901, 33.656**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **68, 34.954, 210.713** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.707, 212.144**, and if you desaturate by 10%, it is **90, 30.163, 210.737**.

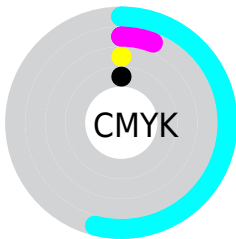
Distribution



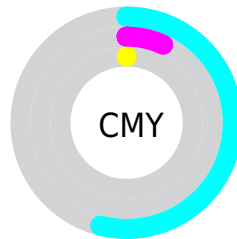
- Red (45%)
- Green (93%)
- Blue (100%)



- Red (45%)
- Yellow (71%)
- Blue (100%)



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.933, 211.312 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, 34.933, 211.312 by changing the saturation by 10% instead.


 88, 34.933,
211.312


 88, 34.933,
211.312

 100, 34.933,
211.312


 78, 34.933,
211.312

 68, 34.933,
211.312

 58, 34.933,
211.312

 48, 34.933,
211.312

 38, 34.933,
211.312

 28, 34.933,
211.312


 18, 34.933,


211.312


 8, 34.933, 211.312


 0, 34.933, 211.312


 88, 34.933,
211.312

 88, 34.933,
211.312


 86, 38.707,
212.144


 90, 30.163,
210.737


 85, 41.430,
213.287

 92, 24.498,
210.380

 84, 43.113,
214.788

 94, 18.062,
210.201

 83, 43.850,
216.687

 96, 10.987,
210.175

 82, 43.978,

 99, 3.400, 210.371

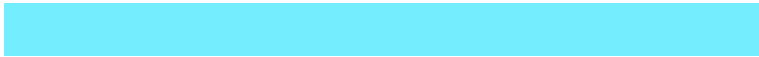
217.916

100, 0.462,
109.976

Harmonies

Complementary

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



88, 34.933, 211.312



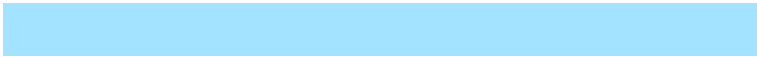
69, 53.901, 33.656

Rectangle

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



88, 34.933, 211.312



88, 34.933, 261.312



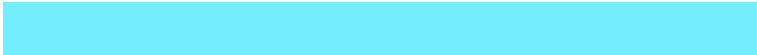
88, 34.933, 31.312



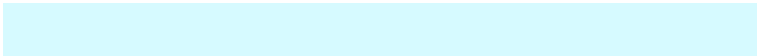
88, 34.933, 81.312

Sweetspot

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



88, 34.932, 211.310



96, 12.257, 210.169



90, 78.569, 142.412



51, 8.222, 210.167



0, 0.000, 0.000



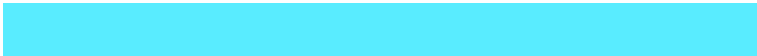
53, 0.007, 296.813

Same Dimension

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



88, 34.932, 211.310



87, 39.041, 212.214



70, 46.847, 276.260



52, 4.437, 210.222



63, 35.561, 217.502



21, 16.511, 214.645

Inverse Universe

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



69, 76.966, 331.006



65, 88.809, 331.619



84, 49.646, 77.989



50, 8.364, 328.295



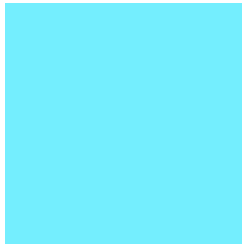
44, 84.978, 333.474



12, 39.523, 332.772

Previews

White Background



This preview shows how the CIE LCh color 88, 34.933, 211.312 looks on a white background.

Color Contrast Check

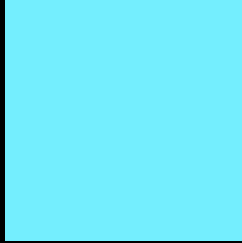
Large Text (above 18pt) WCAG AA × Fail

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, 34.933, 211.312 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, 34.933, 211.312

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.933, 211.312.

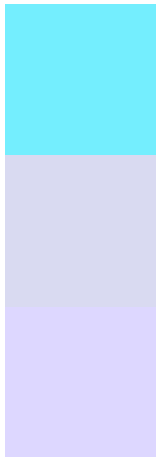


This preview shows how white text looks on a background with the CIELCh color 88, 34.933, 211.312.

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, 34.933, 211.312

Protanopia
88, 12.032, 289.540

Deuteranopia
88, 21.083, 297.363

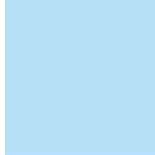


Tritanopia
88, 33.021, 214.185

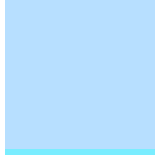
Trichromacy



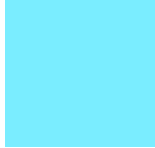
Original Color
88, 34.933, 211.312



Protanomaly
87, 17.943, 236.630



Deuteranomaly
87, 20.674, 253.370

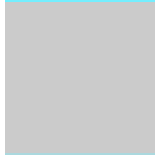


Tritanomaly
88, 33.621, 213.845

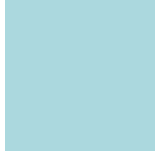
Monochromacy



Original Color
88, 34.933, 211.312



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 15.360, 210.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.933, 211.312 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(116, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 238, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.933, 211.312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

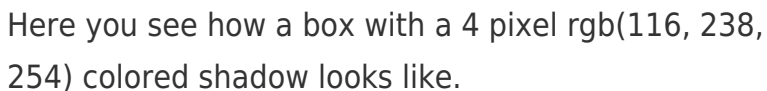
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 238, 254) }
```

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

```
.border{ border-color:rgb(116, 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(116, 238, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(116, 238,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.933, 211.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 238, 254) }
```

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

```
.background{ background-color: rgb(116,  
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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