

Converting Colors

CIELCh(88, 33.305, 208.328)

Have a look what the booklet for
CIELCh(88, 33.305, 208.328)
contains.

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Color

CIELCh(88, 33.305, 208.328)

Conversions

Conversions Part 1

Format	Color
Hex	7CEEFA
RGB	124, 238, 250
RGB Percent	49%, 93%, 98%
CMY	0.5153, 0.0681, 0.0211
CMYK	0.50, 0.05, 0.00, 0.02
HSL	186°, 92%, 73%
HSV	186°, 50%, 98%
XYZ	55.9170, 72.0653, 101.0966
YIQ	205.2820, -71.7960, -20.4360

Conversions

Conversions Part 2

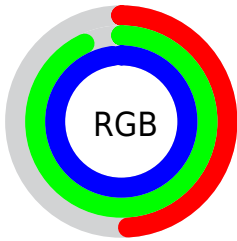
Format	Color
RYB	124, 184, 250
Decimal	8187642
CIELab	88.00, -29.32, -15.80
CIELCh	88, 33.305, 208.328
Yxy	72.0653, 0.2441, 0.3146
Android (android.graphics.Color)	4286377722 (0xFF7CEEFA)
YUV	205.2820, 22.0460, -71.2843
Hunter-Lab	84.8913, -30.9836, -11.1843

Details

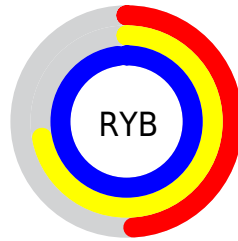
The CIELCh color **88, 33.305, 208.328** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 49.442, 31.620**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **68, 33.335, 208.511** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.473, 208.847**, and if you desaturate by 10%, it is **90, 28.171, 208.011**.

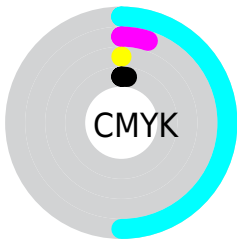
Distribution



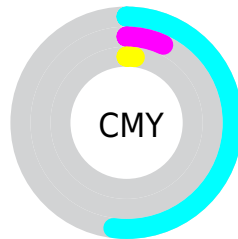
- Red (49%)
- Green (93%)
- Blue (98%)



- Red (49%)
- Yellow (72%)
- Blue (98%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)





- Cyan (52%)
- Magenta (7%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 33.305, 208.328 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, 33.305, 208.328 by changing the saturation by 10% instead.


 88, 33.305,
208.328


 88, 33.305,
208.328


 100, 33.305,
208.328


 78, 33.305,
208.328

 68, 33.305,
208.328

 58, 33.305,
208.328

 48, 33.305,
208.328

 38, 33.305,
208.328

 28, 33.305,
208.328

 18, 33.305,

208.328

■ 8, 33.305, 208.328

■ 0, 33.305, 208.328

■ 88, 33.305,
208.328

■ 88, 33.305,
208.328

■ 87, 37.473,
208.847

■ 90, 28.171,
208.011

■ 85, 40.602,
209.610

■ 91, 22.182,
207.867

■ 84, 42.671,
210.655

■ 93, 15.467,
207.868

■ 83, 43.738,
212.014

■ 96, 8.160, 208.005

■ 82, 44.021,

■ 98, 0.385, 209.819

213.587

99, 1.571, 65.845

100, 2.354,
103.654

100, 2.714,
109.947

Harmonies

Complementary

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



88, 33.305, 208.328



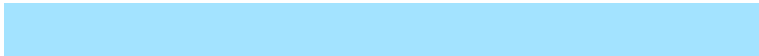
69, 49.442, 31.620

Rectangle

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



88, 33.305, 208.328



88, 33.305, 258.328



88, 33.305, 28.328



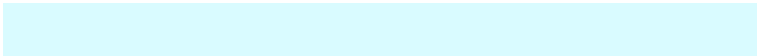
88, 33.305, 78.328

Sweetspot

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



88, 33.305, 208.326



96, 11.726, 207.925



89, 73.344, 142.426



51, 7.949, 207.898



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

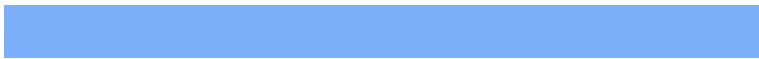
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 33.305, 208.326



88, 38.299, 208.885



71, 41.895, 273.646



51, 4.441, 208.028



64, 35.722, 213.260



20, 16.330, 210.897

Inverse Universe

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



70, 72.257, 330.064



67, 85.943, 330.639



83, 44.929, 77.034



49, 8.346, 327.654



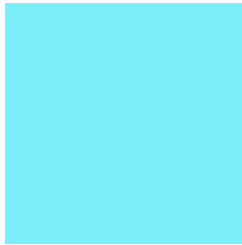
44, 85.516, 332.432



11, 39.057, 331.854

Previews

White Background



This preview shows how the CIE LCh color 88, 33.305, 208.328 looks on a white background.

Color Contrast Check

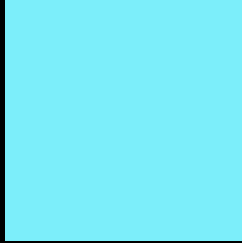
Large Text (above 18pt) WCAG AA × Fail

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, 33.305, 208.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

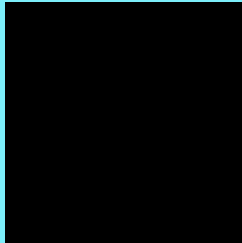
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 33.305, 208.328

Background



This preview shows how black text looks on a background with the CIELCh color 88, 33.305, 208.328.




This preview shows how white text looks on a background with the CIELCh color 88, 33.305, 208.328.

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



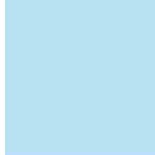


Tritanopia
88, 32.044, 215.778

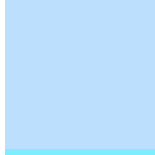
Trichromacy



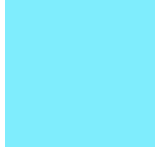
Original Color
88, 33.305, 208.328



Protanomaly
87, 15.902, 232.856



Deuteranomaly
87, 19.187, 254.187

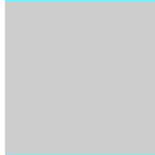


Tritanomaly
88, 32.525, 212.512

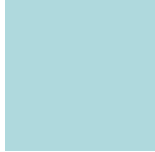
Monochromacy



Original Color
88, 33.305, 208.328



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 14.333, 206.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 33.305, 208.328 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(124, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(124, 238, 250)  
}
```

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(124, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 238, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 33.305, 208.328 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(124, 238, 250) }
```

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

```
.border{ border-color:rgb(124, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(124, 238,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 33.305, 208.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 238, 250) }
```

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

```
.background{ background-color: rgb(124,  
238, 250) }
```

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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