

Converting Colors

CIELCh(88, 33.246, 200.803)

Have a look what the booklet for
CIELCh(88, 33.246, 200.803)
contains.

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Color

CIELCh(88, 33.147, 200.951)

Conversions

Conversions Part 1

Format	Color
Hex	7EEEF2
RGB	126, 238, 242
RGB Percent	49%, 93%, 95%
CMY	0.5055, 0.0663, 0.0506
CMYK	0.48, 0.02, 0.00, 0.05
HSL	182°, 82%, 72%
HSV	182°, 48%, 95%
XYZ	55.2633, 72.0653, 95.0779
YIQ	204.9680, -68.0360, -22.5000

Conversions

Conversions Part 2

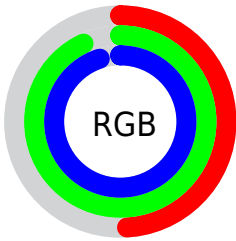
Format	Color
R _Y B	126, 183, 242
Decimal	8318706
CIE Lab	88.00, -30.96, -11.85
CIE LCh	88, 33.147, 200.951
Yxy	72.0653, 0.2485, 0.3240
Android (android.graphics.Color)	4286508786 (0xFF7EEEF2)
YUV	204.9680, 18.2568, -69.2549
Hunter-Lab	84.8913, -32.3581, -6.9807

Details

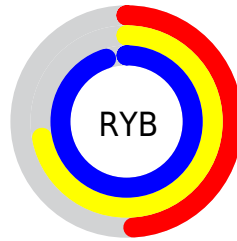
The CIELCh color **88, 33.147, 200.951** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **67, 47.519, 26.994**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **68, 33.220, 200.691** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.747, 200.899**, and if you desaturate by 10%, it is **89, 27.590, 201.105**.

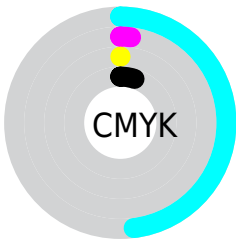
Distribution



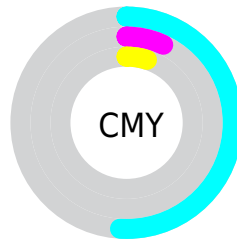
- Red (49%)
- Green (93%)
- Blue (95%)



- Red (49%)
- Yellow (72%)
- Blue (95%)



- Cyan (48%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)





- Cyan (51%)
- Magenta (7%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 33.147, 200.951 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, 33.147, 200.951 by changing the saturation by 10% instead.


 88, 33.147,
200.951


 88, 33.147,
200.951


 100, 33.147,
200.951


 78, 33.147,
200.951

 68, 33.147,
200.951

 58, 33.147,
200.951

 48, 33.147,
200.951

 38, 33.147,
200.951

 28, 33.147,
200.951

 18, 33.147,

200.951

■ 8, 33.147, 200.951

■ 0, 33.147, 200.951

■ 88, 33.147,
200.951

■ 88, 33.147,
200.951

■ 87, 37.747,
200.899

■ 89, 27.590,
201.105

■ 86, 41.310,
200.969

■ 91, 21.191,
201.357

■ 85, 43.807,
201.167

■ 92, 14.082,
201.694

■ 85, 45.276,
201.500

■ 94, 6.399, 202.136

■ 85, 45.855,

■ 96, 1.730, 22.104

201.966

97, 4.261, 26.462

85, 45.923,
202.071

97, 4.039, 32.941

97, 3.874, 40.066

97, 3.775, 47.690

Harmonies

Complementary

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



88, 33.147, 200.951



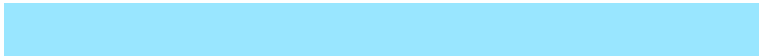
67, 47.519, 26.994

Rectangle

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



88, 33.147, 200.951



88, 33.147, 250.951



88, 33.147, 20.951



88, 33.147, 70.951

Sweetspot

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



88, 33.147, 200.949



97, 11.616, 201.849



87, 70.513, 141.390



52, 7.968, 201.761



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, 33.147, 200.949



91, 38.937, 200.899



72, 36.297, 268.028



49, 4.541, 202.056



66, 37.349, 201.968



20, 16.406, 201.157

Inverse Universe

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



69, 70.091, 327.980



69, 84.842, 328.409



80, 40.506, 72.661



47, 8.409, 325.882



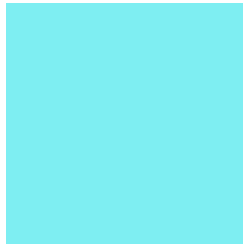
43, 87.893, 329.650



10, 38.513, 329.446

Previews

White Background



This preview shows how the CIE LCh color 88, 33.147, 200.951 looks on a white background.

Color Contrast Check

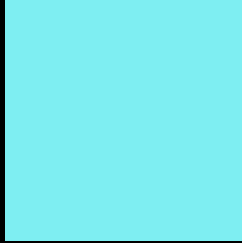
Large Text (above 18pt) WCAG AA × Fail

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, 33.147, 200.951 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, 33.147, 200.951

Background



This preview shows how black text looks on a background with the CIELCh color 88, 33.147, 200.951.

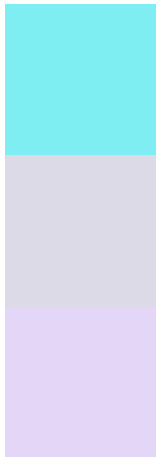


This preview shows how white text looks on a background with the CIELCh color 88, 33.147, 200.951.

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, 33.147, 200.951

Protanopia
88, 6.332, 297.090

Deuteranopia
88, 18.008, 307.047



Tritanopia
88, 31.628, 216.049

Trichromacy



Original Color
88, 33.147, 200.951



Protanomaly
87, 13.770, 218.711



Deuteranomaly
87, 15.367, 247.683

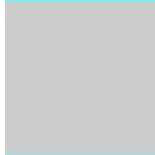


Tritanomaly
88, 32.027, 209.824

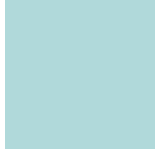
Monochromacy



Original Color
88, 33.147, 200.951



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 14.006, 200.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 33.147, 200.951 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(126, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(126, 238, 242)  
}
```

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(126, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 238, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 33.147, 200.951 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(126, 238, 242) }
```

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

```
.border{ border-color:rgb(126, 238, 242) }
```

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

Here you see how a box with a 4 pixel rgb(126, 238, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(126, 238,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 33.147, 200.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 238, 242) }
```

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

```
.background{ background-color: rgb(126,  
238, 242) }
```

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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