

Converting Colors

CIELCh(88, 26.498, 208.552)

Have a look what the booklet for
CIELCh(88, 26.498, 208.552)
contains.

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Color

CIELCh(88, 26.326, 209.325)

Conversions

Conversions Part 1

Format	Color
Hex	96EAF4
RGB	150, 234, 244
RGB Percent	59%, 92%, 96%
CMY	0.4107, 0.0812, 0.0420
CMYK	0.38, 0.04, 0.00, 0.04
HSL	186°, 81%, 77%
HSV	186°, 38%, 96%
XYZ	58.5041, 72.0653, 96.6399
YIQ	210.0240, -53.2740, -14.6980

Conversions

Conversions Part 2

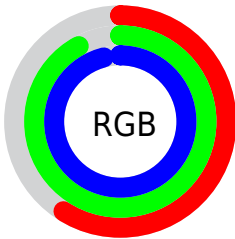
Format	Color
R _Y B	150, 194, 244
Decimal	9890548
CIE Lab	88.00, -22.95, -12.89
CIE LCh	88, 26.326, 209.325
Yxy	72.0653, 0.2575, 0.3172
Android (android.graphics.Color)	4288080628 (0xFF96EAF4)
YUV	210.0240, 16.7502, -52.6410
Hunter-Lab	84.8913, -25.5438, -8.0716

Details

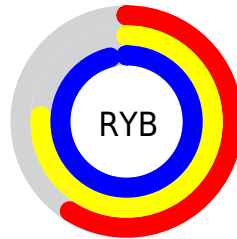
The CIELCh color **88, 26.326, 209.325** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 35.077, 31.096**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **68, 26.386, 209.600** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.508, 209.686**, and if you desaturate by 10%, it is **90, 20.339, 209.138**.

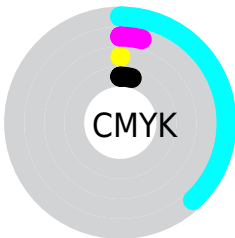
Distribution



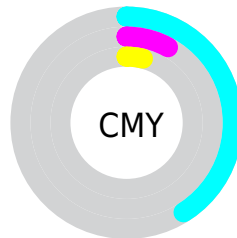
- Red (59%)
- Green (92%)
- Blue (96%)



- Red (59%)
- Yellow (76%)
- Blue (96%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (41%)
- Magenta (8%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 26.326, 209.325 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, 26.326, 209.325 by changing the saturation by 10% instead.


 88, 26.326,
209.325


 88, 26.326,
209.325


 100, 26.326,
209.325


 78, 26.326,
209.325

 68, 26.326,
209.325

 58, 26.326,
209.325

 48, 26.326,
209.325

 38, 26.326,
209.325


 28, 26.326,
209.325


 18, 26.326,


209.325


 8, 26.326, 209.325


 0, 26.326, 209.325


 88, 26.326,
209.325


 88, 26.326,
209.325

 86, 31.508,
209.686

 90, 20.339,
209.138


 85, 35.772,
210.266


 92, 13.675,
209.105

 83, 39.037,
211.104

 94, 6.460, 209.222

 82, 41.271,
212.244

 97, 1.185, 28.731

 98, 3.119, 48.566

 81, 42.514,

213.727

98, 3.352, 77.101

80, 42.920,
215.567

99, 4.236, 97.637

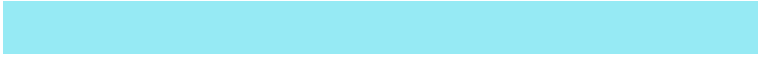
80, 42.952,
215.861

100, 5.422,
109.758

Harmonies

Complementary

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



88, 26.326, 209.325



74, 35.077, 31.096

Rectangle

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



88, 26.326, 209.325



88, 26.326, 259.325



88, 26.326, 29.325



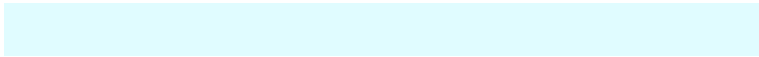
88, 26.326, 79.325

Sweetspot

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



88, 26.326, 209.322



97, 9.374, 209.159



89, 55.144, 144.250



51, 6.195, 209.143



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, 26.326, 209.322



90, 31.360, 209.581



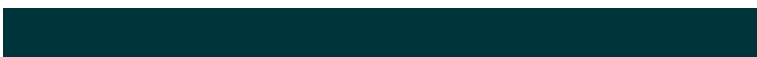
75, 31.990, 272.066



50, 4.325, 209.201



62, 35.070, 215.493



19, 15.761, 212.668

Inverse Universe

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



74, 54.857, 329.741



73, 67.126, 330.190



85, 33.437, 80.282



48, 8.142, 327.995



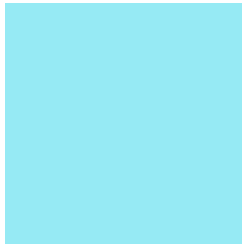
43, 83.923, 332.980



10, 37.726, 332.287

Previews

White Background



This preview shows how the CIE LCh color 88, 26.326, 209.325 looks on a white background.

Color Contrast Check

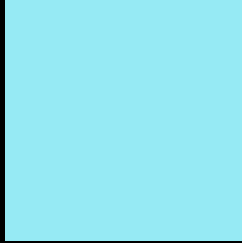
Large Text (above 18pt) WCAG AA × Fail

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, 26.326, 209.325 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, 26.326, 209.325

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.326, 209.325.



This preview shows how white text looks on a background with the CIELCh color 88, 26.326, 209.325.

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](#).

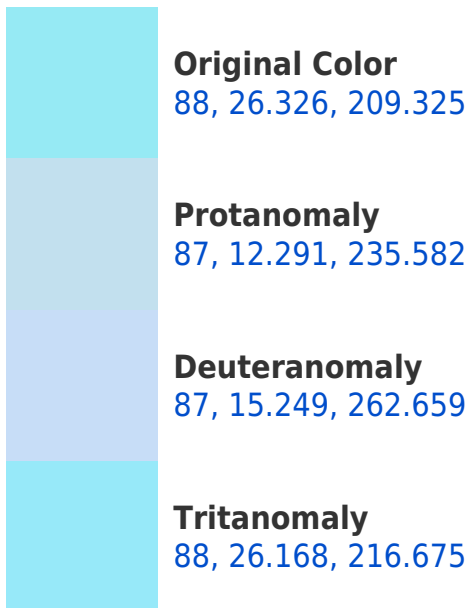
Dichromacy





Tritanopia
88, 26.243, 220.352

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.326, 209.325 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(150, 234, 244)` looks like.

```
.text, #text, p{  
    color:rgb(150, 234, 244)  
}
```

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(150, 234, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 234, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.326, 209.325 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(150, 234, 244) }
```

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

```
.border{ border-color:rgb(150, 234, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 234, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 234, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 234, 244);  
box-shadow:4px 4px 4px 4px rgb(150, 234,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.326, 209.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 234, 244) }
```

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

```
.background{ background-color: rgb(150,  
234, 244) }
```

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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