

Converting Colors

CIELCh(88, 24.273, 215.219)

Have a look what the booklet for
CIELCh(88, 24.273, 215.219)
contains.

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Color

CIElCh(88, 24.169, 214.412)

Conversions

Conversions Part 1

Format	Color
Hex	9EE9F6
RGB	158, 233, 246
RGB Percent	62%, 91%, 96%
CMY	0.3811, 0.0870, 0.0360
CMYK	0.36, 0.05, 0.00, 0.04
HSL	189°, 83%, 79%
HSV	189°, 36%, 96%
XYZ	59.7563, 72.0653, 97.7989
YIQ	212.0570, -48.8730, -11.8570

Conversions

Conversions Part 2

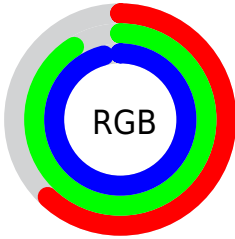
Format	Color
RYB	158, 198, 246
Decimal	10414582
CIELab	88.00, -19.94, -13.66
CIELCh	88, 24.169, 214.412
Yxy	72.0653, 0.2602, 0.3138
Android (android.graphics.Color)	4288604662 (0xFF9EE9F6)
YUV	212.0570, 16.7339, -47.4080
Hunter-Lab	84.8913, -22.9107, -8.8811

Details

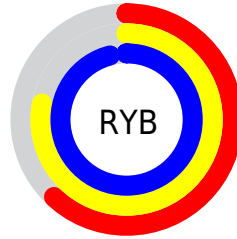
The CIELCh color **88, 24.169, 214.412** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 31.452, 34.454**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **68, 24.202, 215.031** is the 20% darker color. If you saturate the color by 10%, you get **86, 29.469, 215.042**, and if you desaturate by 10%, it is **90, 18.131, 213.998**.

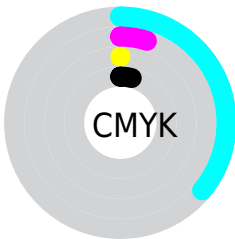
Distribution



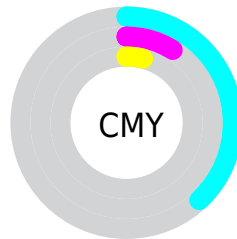
- Red (62%)
- Green (91%)
- Blue (96%)



- Red (62%)
- Yellow (78%)
- Blue (96%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (9%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 24.169, 214.412 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, 24.169, 214.412 by changing the saturation by 10% instead.


 88, 24.169,
214.412

 88, 24.169,
214.412


 100, 24.169,
214.412

 78, 24.169,
214.412

 68, 24.169,
214.412

 58, 24.169,
214.412

 48, 24.169,
214.412

 38, 24.169,
214.412

 28, 24.169,
214.412

 18, 24.169,


214.412


 8, 24.169, 214.412

 0, 24.169, 214.412


 88, 24.169,
214.412


 88, 24.169,
214.412

 86, 29.469,
215.042


 90, 18.131,
213.998

 84, 33.917,
215.947

 93, 11.478,
213.773

 82, 37.423,
217.186

 95, 4.329, 213.757

 81, 39.947,
218.822

 98, 2.811, 35.369

 99, 2.962, 81.174

 79, 41.511,

220.920

100, 4.446,
108.010

■ 78, 42.231,
223.527

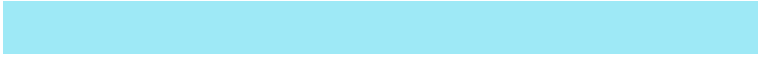
100, 4.647,
109.814

■ 78, 42.390,
224.731

Harmonies

Complementary

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



88, 24.169, 214.412



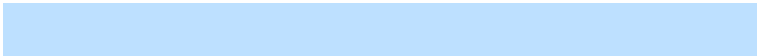
77, 31.452, 34.454

Rectangle

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



88, 24.169, 214.412



88, 24.169, 264.412



88, 24.169, 34.412



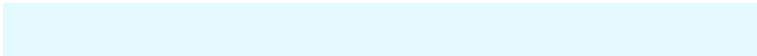
88, 24.169, 84.412

Sweetspot

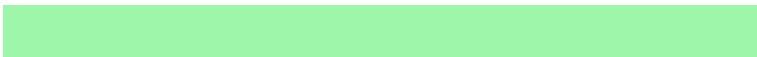
The Sweet Spot groups the original color and five complimentary colors.



88, 24.169, 214.409



97, 8.347, 213.729



90, 50.456, 145.517



51, 5.587, 213.737



0, 0.000, 0.000



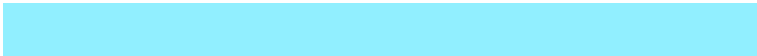
53, 0.007, 296.813

Same Dimension

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



88, 24.169, 214.409



89, 28.902, 214.845



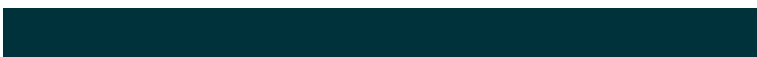
77, 31.158, 274.338



50, 4.189, 213.726



60, 34.422, 224.180



18, 15.401, 220.015

Inverse Universe

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



76, 50.002, 330.977



75, 61.338, 331.443



87, 31.898, 83.622



48, 7.910, 329.311



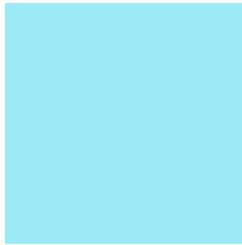
43, 81.272, 335.141



10, 36.684, 334.096

Previews

White Background



This preview shows how the CIE LCh color 88, 24.169, 214.412 looks on a white background.

Color Contrast Check

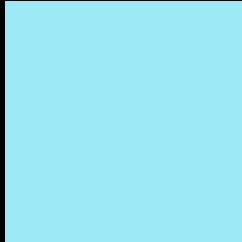
Large Text (above 18pt) WCAG AA × Fail

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, 24.169, 214.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

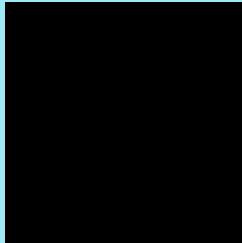
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 24.169, 214.412

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.169, 214.412.



This preview shows how white text looks on a background with the CIELCh color 88, 24.169, 214.412.

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



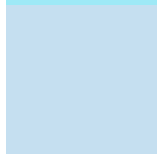


Tritanopia
88, 24.323, 222.347

Trichromacy



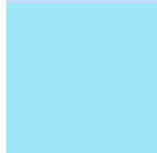
Original Color
88, 24.169, 214.412



Protanomaly
87, 12.287, 245.538



Deuteranomaly
88, 15.304, 266.934

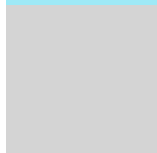


Tritanomaly
88, 24.058, 219.884

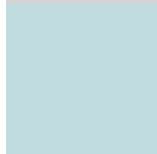
Monochromacy



Original Color
88, 24.169, 214.412



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.835, 211.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.169, 214.412 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(158, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(158, 233, 246)  
}
```

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(158, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 233, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.169, 214.412 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(158, 233, 246) }
```

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

```
.border{ border-color:rgb(158, 233, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 233, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(158, 233,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.169, 214.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 233, 246) }
```

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

```
.background{ background-color: rgb(158,  
233, 246) }
```

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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