

Converting Colors

CIELCh(88, 25.387, 215.734)

Have a look what the booklet for
CIELCh(88, 25.387, 215.734)
contains.

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Color

CIELCh(88, 25.343, 216.083)

Conversions

Conversions Part 1

Format	Color
Hex	9AE9F8
RGB	154, 233, 248
RGB Percent	60%, 91%, 97%
CMY	0.3953, 0.0855, 0.0267
CMYK	0.38, 0.06, 0.00, 0.03
HSL	190°, 87%, 79%
HSV	190°, 38%, 97%
XYZ	59.5298, 72.0653, 99.7381
YIQ	211.0890, -51.8990, -12.0830

Conversions

Conversions Part 2

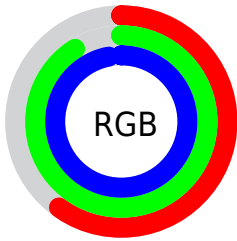
Format	Color
RYB	154, 197, 248
Decimal	10152440
CIELab	88.00, -20.48, -14.93
CIElCh	88, 25.343, 216.083
Yxy	72.0653, 0.2573, 0.3115
Android (android.graphics.Color)	4288342520 (0xFF9AE9F8)
YUV	211.0890, 18.1971, -50.0671
Hunter-Lab	84.8913, -23.3871, -10.2355

Details

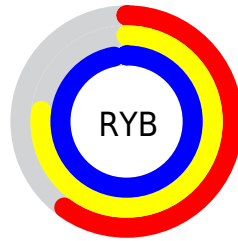
The CIELCh color **88, 25.343, 216.083** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 33.551, 35.640**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **68, 25.267, 216.897** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.489, 216.865**, and if you desaturate by 10%, it is **90, 19.440, 215.543**.

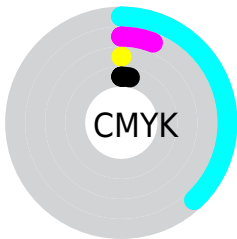
Distribution



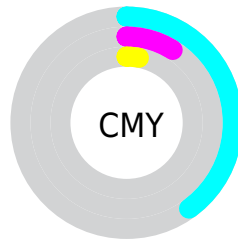
- Red (60%)
- Green (91%)
- Blue (97%)



- Red (60%)
- Yellow (77%)
- Blue (97%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)





- Cyan (40%)
- Magenta (9%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.343, 216.083 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, 25.343, 216.083 by changing the saturation by 10% instead.


 88, 25.343,
216.083


 88, 25.343,
216.083


 100, 25.343,
216.083


 78, 25.343,
216.083

 68, 25.343,
216.083

 58, 25.343,
216.083

 48, 25.343,
216.083

 38, 25.343,
216.083

 28, 25.343,
216.083

 18, 25.343,

216.083

■ 8, 25.343, 216.083

■ 0, 25.343, 216.083

■ 88, 25.343,
216.083

■ 88, 25.343,
216.083

■ 86, 30.489,
216.865

■ 90, 19.440,
215.543

■ 84, 34.769,
217.956

■ 93, 12.901,
215.210

■ 82, 38.103,
219.419

■ 95, 5.846, 215.074

■ 80, 40.463,
221.327

■ 98, 1.613, 34.485

■ 99, 2.521, 93.707

■ 79, 41.895,

223.745

100, 3.439,
109.899

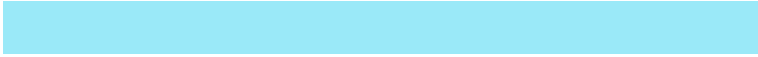
78, 42.554,
226.705

77, 42.655,
227.370

Harmonies

Complementary

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



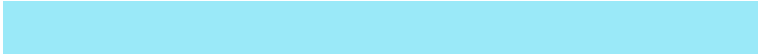
88, 25.343, 216.083



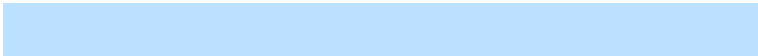
77, 33.551, 35.640

Rectangle

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



88, 25.343, 216.083



88, 25.343, 266.083



88, 25.343, 36.083



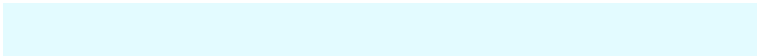
88, 25.343, 86.083

Sweetspot

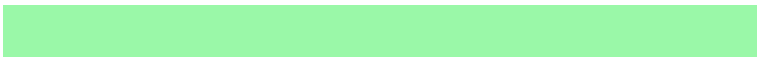
The Sweet Spot groups the original color and five complimentary colors.



88, 25.343, 216.080



97, 8.279, 215.091



90, 53.085, 145.813



51, 5.542, 215.107



0, 0.000, 0.000



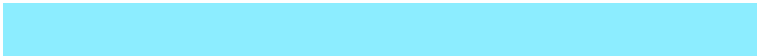
53, 0.007, 296.813

Same Dimension

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



88, 25.343, 216.080



89, 29.729, 216.616



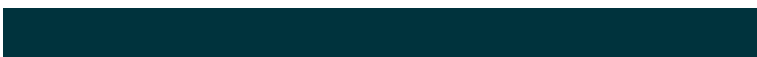
76, 33.981, 276.155



51, 4.226, 215.079



60, 34.721, 226.784



19, 15.764, 222.441

Inverse Universe

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



75, 52.782, 331.531



74, 63.466, 332.003



88, 34.519, 84.757



49, 7.978, 329.705



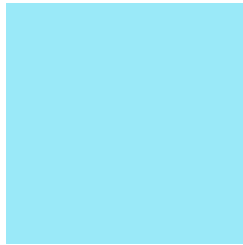
43, 81.345, 335.807



11, 37.378, 334.703

Previews

White Background



This preview shows how the CIE LCh color 88, 25.343, 216.083 looks on a white background.

Color Contrast Check

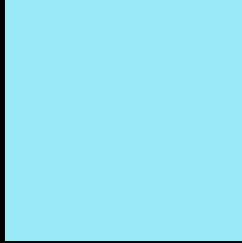
Large Text (above 18pt) WCAG AA × Fail

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, 25.343, 216.083 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, 25.343, 216.083

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.343, 216.083.



This preview shows how white text looks on a background with the CIELCh color 88, 25.343, 216.083.

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



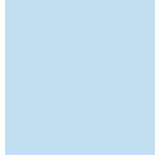


Tritanopia
88, 25.404, 219.875

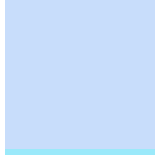
Trichromacy



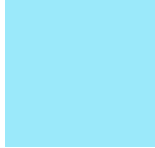
Original Color
88, 25.343, 216.083



Protanomaly
88, 13.298, 244.176



Deuteranomaly
87, 16.958, 267.356

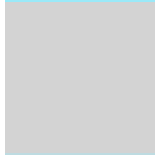


Tritanomaly
88, 25.290, 218.688

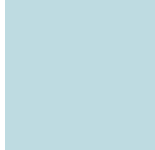
Monochromacy



Original Color
88, 25.343, 216.083



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.366, 216.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.343, 216.083 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(154, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(154, 233, 248)  
}
```

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(154, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.343, 216.083 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(154, 233, 248) }
```

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

```
.border{ border-color:rgb(154, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.343, 216.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 233, 248) }
```

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

```
.background{ background-color: rgb(154,  
233, 248) }
```

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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