

Converting Colors

CIELCh(88, 28.484, 208.674)

Have a look what the booklet for
CIELCh(88, 28.484, 208.674)
contains.

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Color

CIELCh(88, 28.327, 209.477)

Conversions

Conversions Part 1

Format	Color
Hex	8FEBF6
RGB	143, 235, 246
RGB Percent	56%, 92%, 96%
CMY	0.4384, 0.0776, 0.0344
CMYK	0.42, 0.04, 0.00, 0.03
HSL	186°, 85%, 76%
HSV	186°, 42%, 97%
XYZ	57.8022, 72.0653, 98.2255
YIQ	208.7460, -58.3630, -16.0830

Conversions

Conversions Part 2

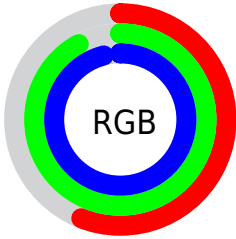
Format	Color
R _Y B	143, 192, 246
Decimal	9432054
CIE Lab	88.00, -24.66, -13.94
CIE LCh	88, 28.327, 209.477
Yxy	72.0653, 0.2534, 0.3159
Android (android.graphics.Color)	4287622134 (0xFF8FEBF6)
YUV	208.7460, 18.3662, -57.6592
Hunter-Lab	84.8913, -27.0196, -9.1790

Details

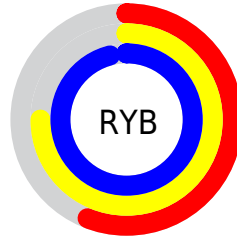
The CIELCh color **88, 28.327, 209.477** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 38.879, 31.455**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **68, 28.319, 209.784** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.241, 209.910**, and if you desaturate by 10%, it is **90, 22.562, 209.230**.

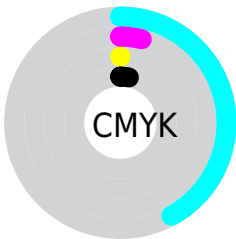
Distribution



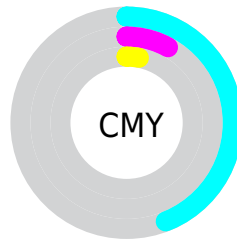
- Red (56%)
- Green (92%)
- Blue (96%)



- Red (56%)
- Yellow (75%)
- Blue (96%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 28.327, 209.477 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, 28.327, 209.477 by changing the saturation by 10% instead.

■ 88, 28.327,
209.477

■ 88, 28.327,
209.477

■ 100, 28.327,
209.477

■ 78, 28.327,
209.477

■ 68, 28.327,
209.477

■ 58, 28.327,
209.477

■ 48, 28.327,
209.477

■ 38, 28.327,
209.477

■ 28, 28.327,
209.477

■ 18, 28.327,

209.477

■ 8, 28.327, 209.477

■ 0, 28.327, 209.477

■ 88, 28.327,
209.477

■ 88, 28.327,
209.477

■ 86, 33.241,
209.910

■ 90, 22.562,
209.230

■ 85, 37.199,
210.577

■ 92, 16.072,
209.146

■ 83, 40.134,
211.518

■ 94, 8.986, 209.206

■ 82, 42.036,
212.777

■ 97, 1.427, 209.714

■ 98, 2.576, 44.362

■ 81, 42.973,

214.392

99, 2.790, 79.438

81, 43.196,
215.956

99, 3.774, 102.460

100, 4.443,
109.829

Harmonies

Complementary

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



88, 28.327, 209.477



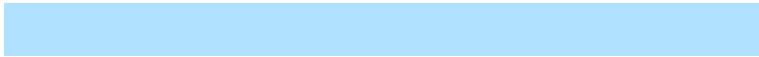
73, 38.879, 31.455

Rectangle

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



88, 28.327, 209.477



88, 28.327, 259.477



88, 28.327, 29.477



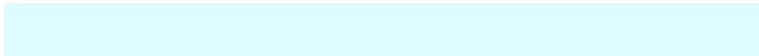
88, 28.327, 79.477

Sweetspot

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



88, 28.327, 209.474



97, 10.123, 209.191



89, 60.140, 143.892



51, 7.038, 209.169



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, 28.327, 209.474



89, 33.326, 209.819



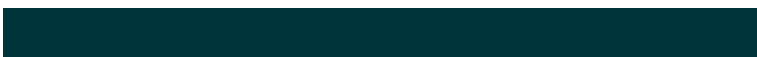
74, 35.033, 272.867



50, 4.324, 209.245



62, 35.060, 215.577



19, 15.756, 212.739

Inverse Universe

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



73, 59.740, 329.954



72, 72.323, 330.436



85, 36.750, 79.808



48, 8.140, 328.008



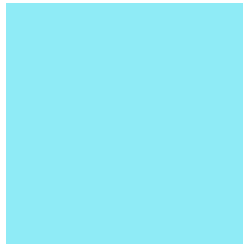
43, 83.896, 333.001



10, 37.715, 332.305

Previews

White Background



This preview shows how the CIE LCh color 88, 28.327, 209.477 looks on a white background.

Color Contrast Check

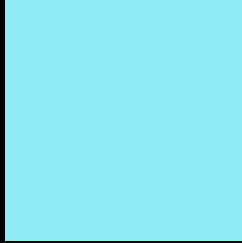
Large Text (above 18pt) WCAG AA × Fail

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, 28.327, 209.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

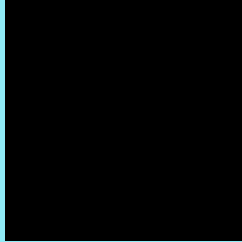
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.327, 209.477

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.327, 209.477.

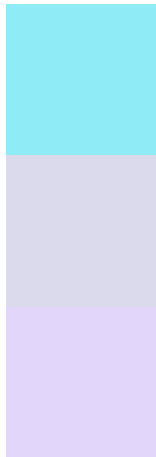


This preview shows how white text looks on a background with the CIELCh color 88, 28.327, 209.477.

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, 28.327, 209.477

Protanopia
88, 9.431, 293.074

Deuteranopia
88, 19.871, 303.588

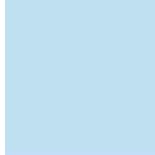


Tritanopia
88, 28.106, 218.679

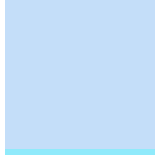
Trichromacy



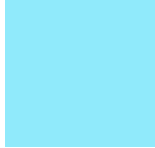
Original Color
88, 28.327, 209.477



Protanomaly
87, 13.621, 236.915



Deuteranomaly
87, 16.284, 259.584

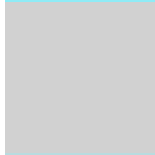


Tritanomaly
88, 28.154, 216.328

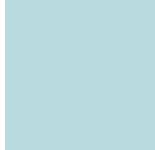
Monochromacy



Original Color
88, 28.327, 209.477



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.778, 208.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.327, 209.477 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(143, 235, 246)` looks like.

```
.text, #text, p{  
    color:rgb(143, 235, 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(143, 235, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 235, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.327, 209.477 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(143, 235, 246) }
```

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

```
.border{ border-color:rgb(143, 235, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 235, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 235, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 235, 246);  
box-shadow:4px 4px 4px 4px rgb(143, 235,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.327, 209.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 235, 246) }
```

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

```
.background{ background-color: rgb(143,  
235, 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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