

Converting Colors

CIELCh(88, 23.370, 210.205)

Have a look what the booklet for
CIELCh(88, 23.370, 210.205)
contains.

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Color

CIElCh(88, 23.424, 209.621)

Conversions

Conversions Part 1

Format	Color
Hex	A0E9F2
RGB	160, 233, 242
RGB Percent	63%, 91%, 95%
CMY	0.3730, 0.0868, 0.0515
CMYK	0.34, 0.04, 0.00, 0.05
HSL	187°, 76%, 79%
HSV	187°, 34%, 95%
XYZ	59.5792, 72.0653, 94.6685
YIQ	212.1990, -46.3970, -12.6770

Conversions

Conversions Part 2

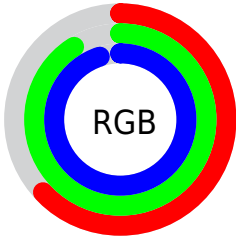
Format	Color
R _Y B	160, 199, 242
Decimal	10545650
CIE Lab	88.00, -20.36, -11.58
CIE LCh	88, 23.424, 209.621
Yxy	72.0653, 0.2633, 0.3184
Android (android.graphics.Color)	4288735730 (0xFFA0E9F2)
YUV	212.1990, 14.6919, -45.7785
Hunter-Lab	84.8913, -23.2830, -6.6947

Details

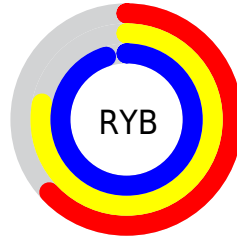
The CIELCh color **88, 23.424, 209.621** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 30.009, 30.991**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **68, 23.286, 210.054** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.933, 209.918**, and if you desaturate by 10%, it is **90, 17.177, 209.485**.

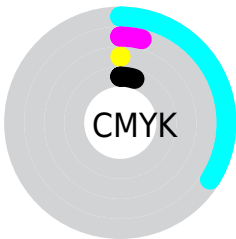
Distribution



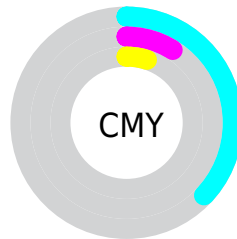
- Red (63%)
- Green (91%)
- Blue (95%)



- Red (63%)
- Yellow (78%)
- Blue (95%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)





- Cyan (37%)
- Magenta (9%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.424, 209.621 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, 23.424, 209.621 by changing the saturation by 10% instead.


 88, 23.424,
209.621


 88, 23.424,
209.621


 100, 23.424,
209.621


 78, 23.424,
209.621

 68, 23.424,
209.621

 58, 23.424,
209.621

 48, 23.424,
209.621

 38, 23.424,
209.621

 28, 23.424,
209.621

 18, 23.424,

209.621

■ 8, 23.424, 209.621

■ 0, 23.424, 209.621

■ 88, 23.424,
209.621

■ 88, 23.424,
209.621

■ 86, 28.933,
209.918

■ 90, 17.177,
209.485

■ 85, 33.584,
210.423

■ 92, 10.319,
209.499

■ 83, 37.280,
211.172

■ 95, 2.973, 209.746

■ 82, 39.964,
212.210

■ 97, 4.175, 30.909

■ 97, 3.814, 54.154

■ 81, 41.640,

213.583

98, 4.136, 77.586

80, 42.394,
215.328

99, 5.008, 95.163

79, 42.538,
216.547

99, 6.200, 106.742

100, 6.647,
109.669

Harmonies

Complementary

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



88, 23.424, 209.621



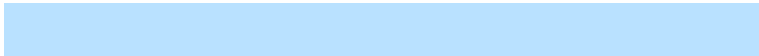
76, 30.009, 30.991

Rectangle

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



88, 23.424, 209.621



88, 23.424, 259.621



88, 23.424, 29.621



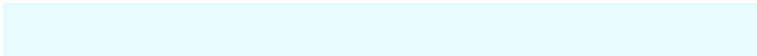
88, 23.424, 79.621

Sweetspot

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



88, 23.424, 209.617



98, 7.834, 209.548



89, 48.340, 144.714



52, 5.324, 209.526



0, 0.000, 0.000



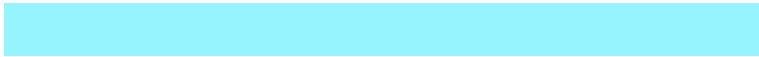
53, 0.007, 296.813

Same Dimension

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



88, 23.424, 209.617



91, 28.603, 209.816



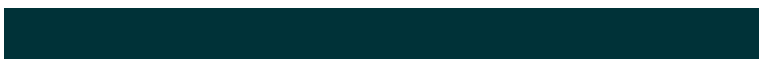
77, 27.920, 271.040



49, 4.240, 209.557



61, 34.637, 216.155



18, 15.291, 213.081

Inverse Universe

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



76, 48.034, 329.576



76, 60.184, 330.007



86, 29.029, 80.923



47, 7.984, 328.098



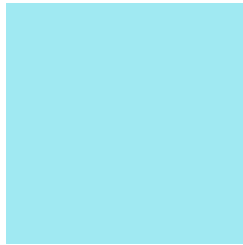
42, 82.856, 333.143



10, 36.604, 332.388

Previews

White Background



This preview shows how the CIE LCh color 88, 23.424, 209.621 looks on a white background.

Color Contrast Check

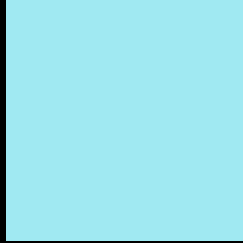
Large Text (above 18pt) WCAG AA × Fail

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, 23.424, 209.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

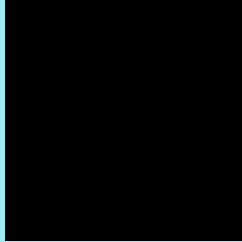
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.424, 209.621

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.424, 209.621.

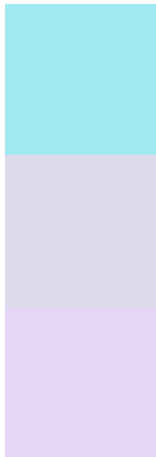


This preview shows how white text looks on a background with the CIELCh color 88, 23.424, 209.621.

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, 23.424, 209.621

Protanopia
88, 7.892, 295.922

Deuteranopia
88, 17.606, 308.580

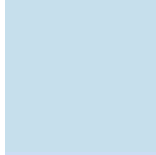


Tritanopia
88, 23.443, 221.936

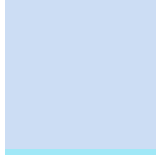
Trichromacy



Original Color
88, 23.424, 209.621



Protanomaly
87, 10.728, 238.449



Deuteranomaly
88, 13.177, 265.449

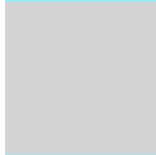


Tritanomaly
88, 23.323, 217.841

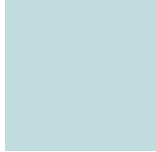
Monochromacy



Original Color
88, 23.424, 209.621



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.440, 208.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.424, 209.621 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(160, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(160, 233, 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(160, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 233, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.424, 209.621 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(160, 233, 242) }
```

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

```
.border{ border-color:rgb(160, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(160, 233,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.424, 209.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 233, 242) }
```

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

```
.background{ background-color: rgb(160,  
233, 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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