

Converting Colors

CIELCh(88, 23.632, 204.419)

Have a look what the booklet for
CIELCh(88, 23.632, 204.419)
contains.

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Color

CIELCh(88, 23.656, 204.283)

Conversions

Conversions Part 1

Format	Color
Hex	9FE9EE
RGB	159, 233, 238
RGB Percent	62%, 91%, 93%
CMY	0.3752, 0.0849, 0.0653
CMYK	0.33, 0.02, 0.00, 0.07
HSL	184°, 70%, 78%
HSV	184°, 33%, 93%
XYZ	59.0793, 72.0653, 91.9438
YIQ	211.4440, -45.7090, -14.1330

Conversions

Conversions Part 2

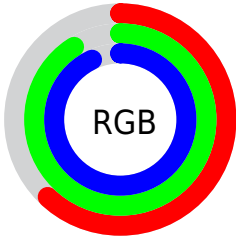
Format	Color
RYB	159, 197, 238
Decimal	10480110
CIELab	88.00, -21.56, -9.73
CIELCh	88, 23.656, 204.283
Yxy	72.0653, 0.2648, 0.3230
Android (android.graphics.Color)	4288670190 (0xFF9FE9EE)
YUV	211.4440, 13.0921, -45.9934
Hunter-Lab	84.8913, -24.3342, -4.7918

Details

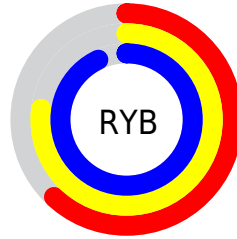
The CIELCh color **88, 23.656, 204.283** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 30.034, 27.084**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **68, 23.545, 204.346** is the 20% darker color. If you saturate the color by 10%, you get **87, 29.386, 204.252**, and if you desaturate by 10%, it is **90, 17.174, 204.424**.

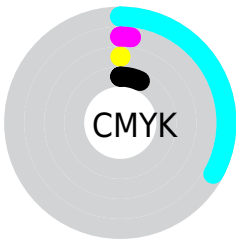
Distribution



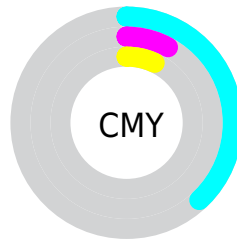
- Red (62%)
- Green (91%)
- Blue (93%)



- Red (62%)
- Yellow (77%)
- Blue (93%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)





- Cyan (38%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.656, 204.283 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, 23.656, 204.283 by changing the saturation by 10% instead.


 88, 23.656,
204.283


 88, 23.656,
204.283


 100, 23.656,
204.283


 78, 23.656,
204.283

 68, 23.656,
204.283

 58, 23.656,
204.283

 48, 23.656,
204.283

 38, 23.656,
204.283


 28, 23.656,
204.283


 18, 23.656,


204.283

 8, 23.656, 204.283

 0, 23.656, 204.283


 88, 23.656,
204.283

 88, 23.656,
204.283

 87, 29.386,
204.252


 90, 17.174,
204.424

 85, 34.241,
204.360

 92, 10.071,
204.677

 84, 38.123,
204.625

 94, 2.474, 205.171

 83, 40.973,
205.071

 96, 5.499, 25.157

 82, 42.791,

 96, 5.212, 34.005

205.719

96, 4.952, 44.173

82, 43.652,
206.583

97, 4.864, 55.068

81, 43.836,
207.281

97, 4.955, 65.946

98, 5.215, 76.070

Harmonies

Complementary

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



88, 23.656, 204.283



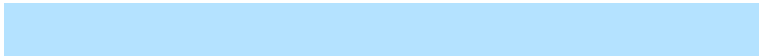
74, 30.034, 27.084

Rectangle

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



88, 23.656, 204.283



88, 23.656, 254.283



88, 23.656, 24.283



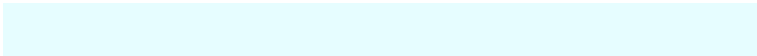
88, 23.656, 74.283

Sweetspot

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



88, 23.656, 204.279



98, 8.161, 204.782



88, 48.376, 143.372



52, 5.546, 204.732



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

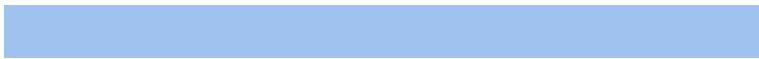
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 23.656, 204.279



92, 29.209, 204.247



78, 25.424, 266.118



49, 4.417, 204.803



64, 36.089, 207.087



19, 15.911, 205.482

Inverse Universe

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



75, 47.926, 328.068



77, 60.668, 328.457



84, 27.120, 76.300



47, 8.245, 326.702



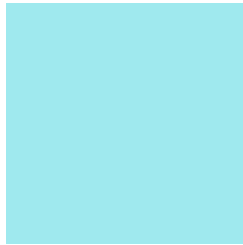
43, 85.928, 330.919



10, 37.771, 330.523

Previews

White Background



This preview shows how the CIE LCh color 88, 23.656, 204.283 looks on a white background.

Color Contrast Check

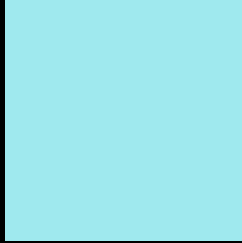
Large Text (above 18pt) WCAG AA × Fail

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, 23.656, 204.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

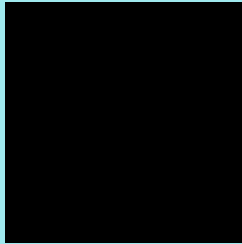
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.656, 204.283

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.656, 204.283.

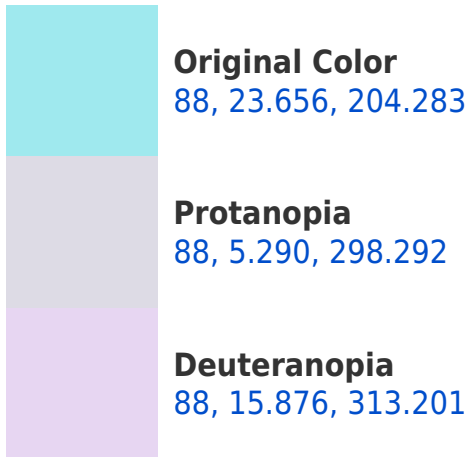



This preview shows how white text looks on a background with the CIELCh color 88, 23.656, 204.283.

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



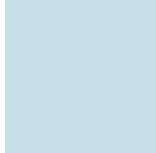


Tritanopia
88, 23.443, 221.936

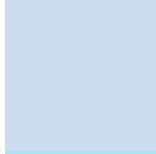
Trichromacy



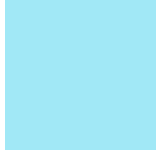
Original Color
88, 23.656, 204.283



Protanomaly
88, 9.436, 225.319



Deuteranomaly
88, 11.656, 263.321

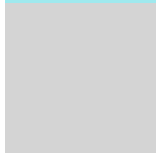


Tritanomaly
88, 23.222, 216.545

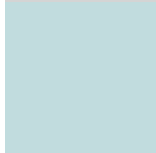
Monochromacy



Original Color
88, 23.656, 204.283



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.399, 205.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.656, 204.283 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(159, 233, 238)` looks like.

```
.text, #text, p{  
    color:rgb(159, 233, 238)  
}
```

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(159, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 233, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.656, 204.283 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(159, 233, 238) }
```

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

```
.border{ border-color:rgb(159, 233, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(159, 233,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.656, 204.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 233, 238) }
```

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

```
.background{ background-color: rgb(159,  
233, 238) }
```

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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