

Converting Colors

CIELCh(88, 25.386, 197.970)

Have a look what the booklet for
CIELCh(88, 25.386, 197.970)
contains.

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Color

CIELCh(88, 25.176, 198.966)

Conversions

Conversions Part 1

Format	Color
Hex	9BEAEB
RGB	155, 234, 235
RGB Percent	61%, 92%, 92%
CMY	0.3908, 0.0810, 0.0771
CMYK	0.34, 0.00, 0.00, 0.08
HSL	181°, 67%, 77%
HSV	181°, 34%, 92%
XYZ	58.1512, 72.0653, 89.7064
YIQ	210.4930, -47.4050, -16.4370

Conversions

Conversions Part 2

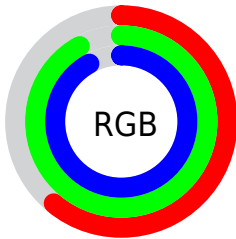
Format	Color
R _Y B	155, 195, 235
Decimal	10218219
CIE Lab	88.00, -23.81, -8.18
CIE LCh	88, 25.176, 198.966
Yxy	72.0653, 0.2644, 0.3277
Android (android.graphics.Color)	4288408299 (0xFF9BEAEB)
YUV	210.4930, 12.0820, -48.6674
Hunter-Lab	84.8913, -26.2857, -3.2291

Details

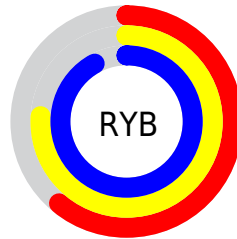
The CIELCh color **88, 25.176, 198.966** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 31.985, 23.337**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **68, 25.295, 198.650** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.092, 198.643**, and if you desaturate by 10%, it is **89, 18.477, 199.354**.

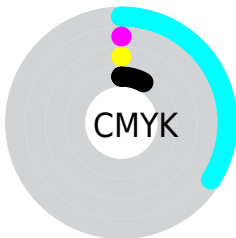
Distribution



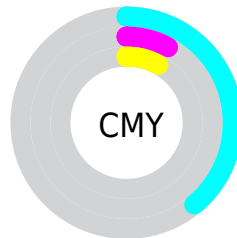
- Red (61%)
- Green (92%)
- Blue (92%)



- Red (61%)
- Yellow (76%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (8%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 25.176, 198.966 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, 25.176, 198.966 by changing the saturation by 10% instead.

 88, 25.176,
198.966

 88, 25.176,
198.966

 100, 25.176,
198.966

 78, 25.176,
198.966

 68, 25.176,
198.966

 58, 25.176,
198.966

 48, 25.176,
198.966

 38, 25.176,
198.966

 28, 25.176,
198.966

 18, 25.176,

198.966

■ 8, 25.176, 198.966

■ 0, 25.176, 198.966

■ 88, 25.176,
198.966

■ 88, 25.176,
198.966

■ 87, 31.092,
198.643

■ 89, 18.477,
199.354

■ 86, 36.103,
198.400

■ 91, 11.126,
199.817

■ 85, 40.119,
198.240

■ 92, 3.257, 200.442

■ 85, 43.093,
198.167

■ 94, 5.003, 20.653

■ 95, 6.904, 21.773

■ 84, 45.038,

198.181

95, 6.805, 23.054

84, 46.041,
198.278

95, 6.709, 24.372

84, 46.324,
198.366

95, 6.617, 25.728

95, 6.529, 27.121

Harmonies

Complementary

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



88, 25.176, 198.966



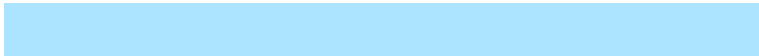
72, 31.985, 23.337

Rectangle

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



88, 25.176, 198.966



88, 25.176, 248.966



88, 25.176, 18.966



88, 25.176, 68.966

Sweetspot

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



88, 25.176, 198.963



98, 8.577, 200.026



87, 50.767, 141.965



52, 5.830, 199.949



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, 25.176, 198.963



94, 31.359, 198.725



77, 24.417, 261.003



48, 4.561, 200.059



66, 38.072, 198.333



19, 16.345, 198.044

Inverse Universe

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



74, 50.307, 326.629



76, 64.246, 326.996



81, 26.877, 71.162



46, 8.386, 325.276



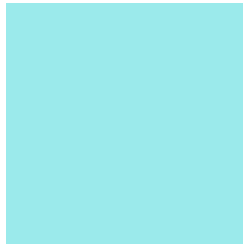
43, 88.499, 328.732



9, 37.951, 328.658

Previews

White Background



This preview shows how the CIE LCh color 88, 25.176, 198.966 looks on a white background.

Color Contrast Check

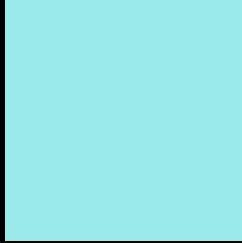
Large Text (above 18pt) WCAG AA × Fail

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, 25.176, 198.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

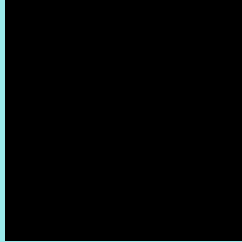
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.176, 198.966

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.176, 198.966.

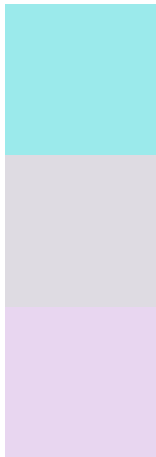


This preview shows how white text looks on a background with the CIELCh color 88, 25.176, 198.966.

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, 25.176, 198.966

Protanopia

88, 3.831, 306.654

Deuteranopia

88, 15.060, 315.932



Tritanopia
88, 24.323, 222.347

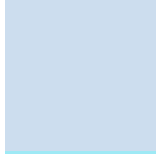
Trichromacy



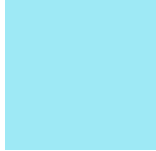
Original Color
88, 25.176, 198.966



Protanomaly
88, 9.478, 211.630



Deuteranomaly
87, 10.487, 257.410

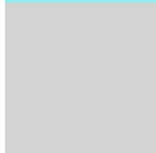


Tritanomaly
88, 24.100, 213.148

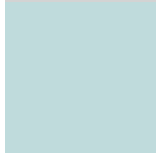
Monochromacy



Original Color
88, 25.176, 198.966



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 9.728, 201.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.176, 198.966 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(155, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 235)  
}
```

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(155, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.176, 198.966 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(155, 234, 235) }
```

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

```
.border{ border-color:rgb(155, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.176, 198.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 235) }
```

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

```
.background{ background-color: rgb(155,  
234, 235) }
```

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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