

Converting Colors

CIELCh(88, 25.940, 210.433)

Have a look what the booklet for
CIELCh(88, 25.940, 210.433)
contains.

CIELCh(88, 25.849, 210.776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 25.849, 210.776)

Conversions

Conversions Part 1

Format	Color
Hex	98EAF5
RGB	152, 234, 245
RGB Percent	60%, 92%, 96%
CMY	0.4042, 0.0826, 0.0395
CMYK	0.38, 0.04, 0.00, 0.04
HSL	187°, 82%, 78%
HSV	187°, 38%, 96%
XYZ	58.8115, 72.0653, 97.1430
YIQ	210.7360, -52.4030, -13.9630

Conversions

Conversions Part 2

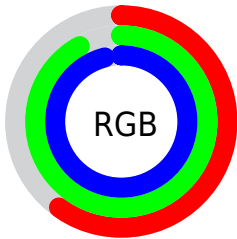
Format	Color
R _Y B	152, 196, 245
Decimal	10021621
CIE Lab	88.00, -22.21, -13.23
CIE LCh	88, 25.849, 210.776
Yxy	72.0653, 0.2579, 0.3160
Android (android.graphics.Color)	4288211701 (0xFF98EAF5)
YUV	210.7360, 16.8922, -51.5115
Hunter-Lab	84.8913, -24.8974, -8.4230

Details

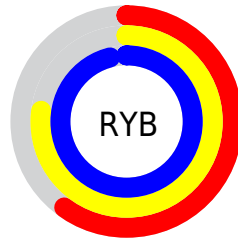
The CIELCh color **88, 25.849, 210.776** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 34.298, 32.042**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **68, 25.731, 211.250** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.042, 211.220**, and if you desaturate by 10%, it is **90, 19.865, 210.519**.

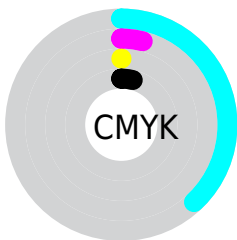
Distribution



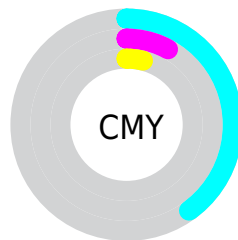
- Red (60%)
- Green (92%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 25.849, 210.776 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, 25.849, 210.776 by changing the saturation by 10% instead.

■ 88, 25.849,
210.776

■ 88, 25.849,
210.776

■ 100, 25.849,
210.776

■ 78, 25.849,
210.776

■ 68, 25.849,
210.776

■ 58, 25.849,
210.776

■ 48, 25.849,
210.776

■ 38, 25.849,
210.776

■ 28, 25.849,
210.776

■ 18, 25.849,

210.776

■ 8, 25.849, 210.776

■ 0, 25.849, 210.776

■ 88, 25.849,
210.776

■ 88, 25.849,
210.776

■ 86, 31.042,
211.220

■ 90, 19.865,
210.519

■ 85, 35.333,
211.902

■ 92, 13.218,
210.426

■ 83, 38.636,
212.865

■ 95, 6.033, 210.497

■ 82, 40.919,
214.159

■ 97, 1.573, 30.086

■ 98, 2.911, 56.765

■ 81, 42.218,

215.834

99, 3.474, 87.836

80, 42.677,
217.911

100, 4.701,
106.405

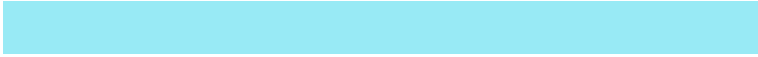
79, 42.726,
218.358

100, 5.093,
109.782

Harmonies

Complementary

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



88, 25.849, 210.776



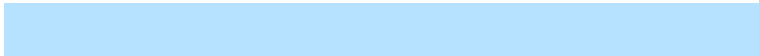
75, 34.298, 32.042

Rectangle

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



88, 25.849, 210.776



88, 25.849, 260.776



88, 25.849, 30.776



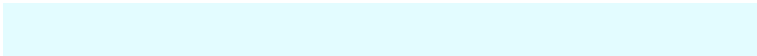
88, 25.849, 80.776

Sweetspot

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



88, 25.849, 210.773



97, 8.534, 210.453



89, 53.913, 144.793



52, 5.712, 210.441



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, 25.849, 210.773



90, 31.070, 211.120



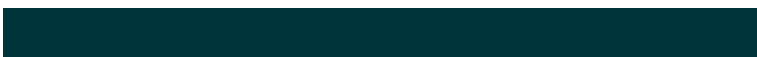
75, 32.300, 273.412



50, 4.284, 210.472



62, 34.811, 217.938



19, 15.634, 214.732

Inverse Universe

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



75, 53.838, 330.105



73, 66.590, 330.595



86, 33.416, 81.855



48, 8.075, 328.366



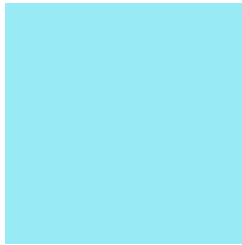
43, 83.148, 333.582



10, 37.423, 332.793

Previews

White Background



This preview shows how the CIE LCh color 88, 25.849, 210.776 looks on a white background.

Color Contrast Check

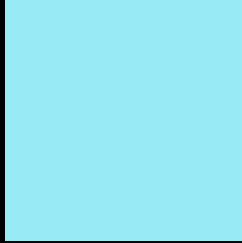
Large Text (above 18pt) WCAG AA × Fail

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, 25.849, 210.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

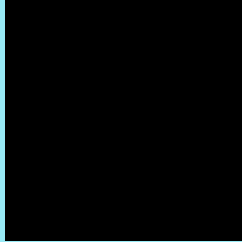
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.849, 210.776

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.849, 210.776.



This preview shows how white text looks on a background with the CIELCh color 88, 25.849, 210.776.

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



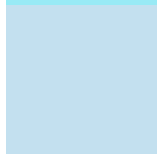


Tritanopia
88, 25.767, 220.814

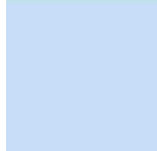
Trichromacy



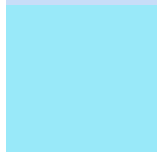
Original Color
88, 25.849, 210.776



Protanomaly
88, 12.330, 238.569



Deuteranomaly
87, 15.564, 264.731

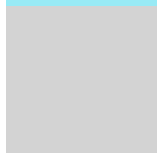


Tritanomaly
88, 25.680, 217.073

Monochromacy



Original Color
88, 25.849, 210.776



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.165, 210.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.849, 210.776 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(152, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(152, 234, 245)  
}
```

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(152, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 234, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.849, 210.776 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(152, 234, 245) }
```

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

```
.border{ border-color:rgb(152, 234, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(152, 234,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.849, 210.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 234, 245) }
```

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

```
.background{ background-color: rgb(152,  
234, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor