

Converting Colors

CIELCh(85, 31.814, 219.839)

Have a look what the booklet for
CIELCh(85, 31.814, 219.839)
contains.

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Color

CIELCh(85, 31.889, 220.124)

Conversions

Conversions Part 1

Format	Color
Hex	7AE3FA
RGB	122, 227, 250
RGB Percent	48%, 89%, 98%
CMY	0.5214, 0.1096, 0.0194
CMYK	0.51, 0.09, 0.00, 0.02
HSL	191°, 93%, 73%
HSV	191°, 51%, 98%
XYZ	52.7752, 66.0070, 100.4365
YIQ	198.2270, -69.9630, -15.1070

Conversions

Conversions Part 2

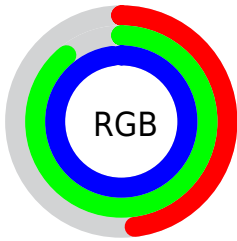
Format	Color
R _Y B	122, 180, 250
Decimal	8053754
CIE Lab	85.00, -24.38, -20.55
CIE LCh	85, 31.889, 220.124
Yxy	66.0070, 0.2407, 0.3011
Android (android.graphics.Color)	4286243834 (0xFF7AE3FA)
YUV	198.2270, 25.5241, -66.8511
Hunter-Lab	81.2447, -26.2277, -16.4243

Details

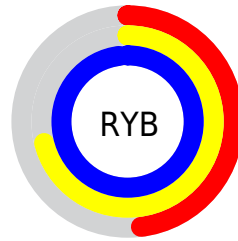
The CIELCh color **85, 31.889, 220.124** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **71, 47.513, 38.242**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **65, 31.861, 220.045** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.894, 221.548**, and if you desaturate by 10%, it is **87, 27.009, 219.061**.

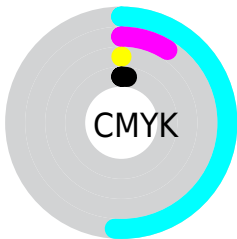
Distribution



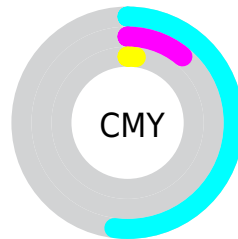
- Red (48%)
- Green (89%)
- Blue (98%)



- Red (48%)
- Yellow (71%)
- Blue (98%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)





- Cyan (52%)
- Magenta (11%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 31.889, 220.124 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 85, 31.889, 220.124 by changing the saturation by 10% instead.


 85, 31.889,
220.124


 85, 31.889,
220.124


 100, 31.889,
220.124


 75, 31.889,
220.124

 65, 31.889,
220.124

 55, 31.889,
220.124

 45, 31.889,
220.124

 35, 31.889,
220.124

 25, 31.889,
220.124

 15, 31.889,

220.124

■ 5, 31.889, 220.124

■ 0, 31.889, 220.124

■ 85, 31.889,
220.124

■ 85, 31.889,
220.124

■ 83, 35.894,
221.548

■ 87, 27.009,
219.061

■ 81, 38.965,
223.417

■ 90, 21.353,
218.295

■ 79, 41.100,
225.808

■ 92, 15.037,
217.770

■ 78, 42.383,
228.787

■ 95, 8.180, 217.452

■ 76, 43.010,

■ 98, 0.892, 217.888

231.862

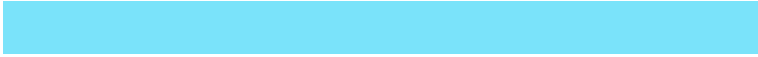
100, 2.025,
100.022

100, 2.502,
109.960

Harmonies

Complementary

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



85, 31.889, 220.124



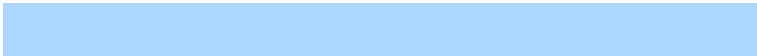
71, 47.513, 38.242

Rectangle

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



85, 31.889, 220.124



85, 31.889, 270.124



85, 31.889, 40.124



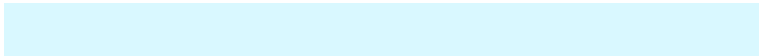
85, 31.889, 90.124

Sweetspot

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



85, 31.888, 220.122



96, 11.024, 217.549



89, 70.185, 144.779



50, 7.474, 217.616



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 31.888, 220.122



84, 36.387, 221.528



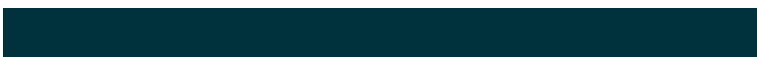
68, 47.767, 280.732



51, 4.173, 217.421



59, 34.785, 231.182



19, 15.712, 226.236

Inverse Universe

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



69, 69.195, 333.180



66, 81.206, 333.882



85, 47.929, 84.254



49, 7.866, 330.387



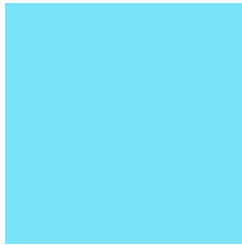
43, 80.109, 336.960



11, 36.875, 335.666

Previews

White Background



This preview shows how the CIE LCh color 85, 31.889, 220.124 looks on a white background.

Color Contrast Check

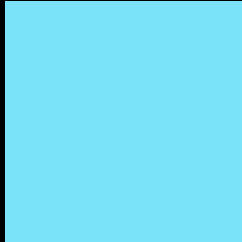
Large Text (above 18pt) WCAG AA × Fail

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 85, 31.889, 220.124 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 85, 31.889, 220.124

Background



This preview shows how black text looks on a background with the CIELCh color 85, 31.889, 220.124.

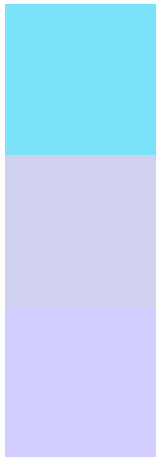


This preview shows how white text looks on a background with the CIELCh color 85, 31.889, 220.124.

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
85, 31.889, 220.124

Protanopia
85, 15.290, 288.924

Deuteranopia
85, 25.917, 295.262

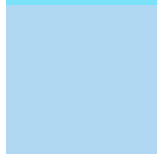


Tritanopia
85, 31.903, 214.938

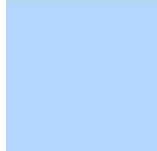
Trichromacy



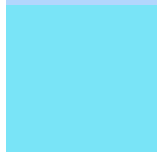
Original Color
85, 31.889, 220.124



Protanomaly
84, 18.512, 246.820



Deuteranomaly
84, 23.118, 262.298

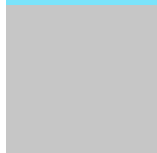


Tritanomaly
85, 31.964, 215.917

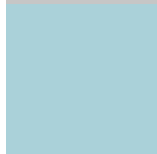
Monochromacy



Original Color
85, 31.889, 220.124



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 13.764, 216.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 31.889, 220.124 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(122, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(122, 227, 250)  
}
```

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(122, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 227, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 31.889, 220.124 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(122, 227, 250) }
```

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

```
.border{ border-color:rgb(122, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(122, 227,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 31.889, 220.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 227, 250) }
```

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

```
.background{ background-color: rgb(122,  
227, 250) }
```

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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