

Converting Colors

CIELCh(73, 70.303, 277.853)

Have a look what the booklet for
CIELCh(73, 70.303, 277.853)
contains.

| | |
|--|----|
| CIELCh(70, 46.597, 259.526) | 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(70, 46.597, 259.526)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3EB4FE |
| RGB | 62, 180, 254 |
| RGB Percent | 24%, 71%, 100% |
| CMY | 0.7563, 0.2947, 0.0049 |
| CMYK | 0.76, 0.29, 0.00, 0.00 |
| HSL | 203°, 99%, 62% |
| HSV | 203°, 76%, 100% |
| XYZ | 36.1361, 40.7494, 99.5228 |
| YIQ | 153.1540, -94.0820, -2.0020 |

Conversions

Conversions Part 2

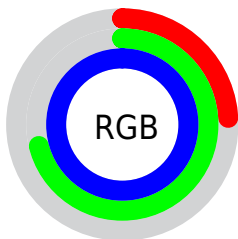
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 62, 135, 254 |
| Decimal | 4109566 |
| CIE Lab | 70.00, -8.47, -45.82 |
| CIE LCh | 70, 46.597, 259.526 |
| Yxy | 40.7494, 0.2048, 0.2310 |
| Android (android.graphics.Color) | 4282299646 (0xFF3EB4FE) |
| YUV | 153.1540, 49.7171, -79.9421 |
| Hunter-Lab | 63.8353, -10.6658, -47.7518 |

Details

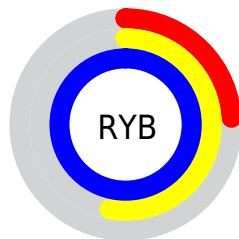
The CIELCh color **70, 46.597, 259.526** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **69, 69.875, 55.496**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 30.992, 216.476**, and **51, 44.141, 265.134** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.247, 264.078**, and if you desaturate by 10%, it is **73, 41.677, 255.586**.

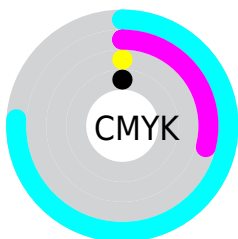
Distribution



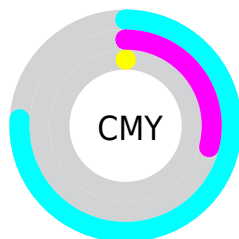
- Red (24%)
- Green (71%)
- Blue (100%)



- Red (24%)
- Yellow (53%)
- Blue (100%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 46.597, 259.526 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 70, 46.597, 259.526 by changing the saturation by 10% instead.


 70, 46.597,
259.526


 70, 46.597,
259.526


 100, 46.597,
259.526


 60, 46.597,
259.526


 90, 46.597,
259.526

 50, 46.597,
259.526

 40, 46.597,
259.526

 30, 46.597,
259.526

 20, 46.597,
259.526

 10, 46.597,
259.526

 0, 46.597, 259.526

70, 46.597,
259.526

70, 46.597,
259.526

67, 51.247,
264.078

73, 41.677,
255.586

64, 55.811,
269.118

77, 36.376,
252.269

62, 57.914,
271.408

81, 30.647,
249.530

85, 24.498,
247.290

89, 17.969,
245.470

93, 11.120,
243.999

97, 4.011, 242.869

100, 0.619,
110.007

Harmonies

Complementary

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



70, 46.597, 259.526



69, 69.875, 55.496

Rectangle

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



70, 46.597, 259.526



70, 46.597, 309.526



70, 46.597, 79.526



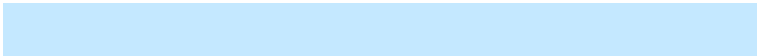
70, 46.597, 129.526

Sweetspot

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



70, 46.596, 259.527



90, 16.345, 245.071



89, 83.283, 148.646



47, 11.235, 245.654



0, 0.000, 0.000



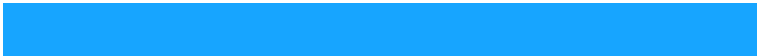
53, 0.007, 296.813

Same Dimension

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



70, 46.596, 259.527



65, 53.962, 266.811



45, 98.733, 299.499



51, 4.132, 243.270



48, 46.204, 270.463



15, 19.439, 263.227

Inverse Universe

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



60, 81.694, 346.303



57, 87.302, 349.758



91, 79.558, 96.826



50, 6.906, 338.651



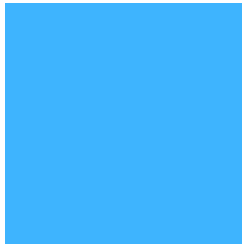
42, 70.821, 351.757



11, 33.384, 347.953

Previews

White Background



This preview shows how the CIE LCh color 70, 46.597, 259.526 looks on a white background.

Color Contrast Check

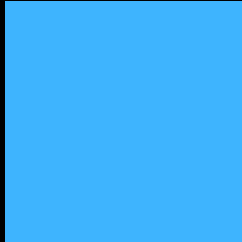
Large Text (above 18pt) WCAG AA × Fail

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 70, 46.597, 259.526 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

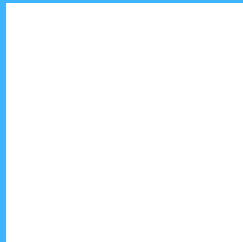
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 46.597, 259.526

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.597, 259.526.



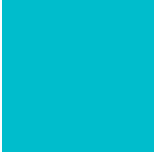
This preview shows how white text looks on a background with the CIELCh color 70, 46.597, 259.526.

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
70, 38.601, 209.110

Trichromacy



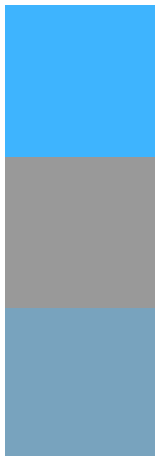
Original Color
70, 46.650, 259.517

Protanomaly
69, 43.004, 273.373

Deuteranomaly
70, 47.159, 272.709

Tritanomaly
70, 38.551, 228.342

Monochromacy



Original Color
70, 46.650, 259.517

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 20.064, 247.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.597, 259.526 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(62, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(62, 180, 254)  
}
```

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(62, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 180, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.597, 259.526 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(62, 180, 254) }
```

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

```
.border{ border-color:rgb(62, 180, 254) }
```

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

Here you see how a box with a 4 pixel rgb(62, 180, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(62, 180,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.597, 259.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 180, 254) }
```

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

```
.background{ background-color: rgb(62, 180,  
254) }
```

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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