

Converting Colors

CIELCh(78, 37.502, 223.497)

Have a look what the booklet for
CIELCh(78, 37.502, 223.497)
contains.

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Color

CIELCh(78, 37.504, 223.860)

Conversions

Conversions Part 1

Format	Color
Hex	47D1F0
RGB	71, 209, 240
RGB Percent	28%, 82%, 94%
CMY	0.7217, 0.1805, 0.0589
CMYK	0.70, 0.13, 0.00, 0.06
HSL	191°, 85%, 61%
HSV	191°, 70%, 94%
XYZ	41.1106, 53.2120, 90.5165
YIQ	171.2720, -92.1990, -19.6150

Conversions

Conversions Part 2

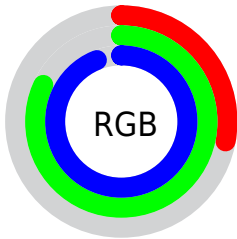
Format	Color
R _Y B	71, 147, 240
Decimal	4706800
CIE Lab	78.00, -27.04, -25.99
CIE LCh	78, 37.504, 223.860
Yxy	53.2120, 0.2224, 0.2879
Android (android.graphics.Color)	4282896880 (0xFF47D1F0)
YUV	171.2720, 33.8829, -87.9385
Hunter-Lab	72.9466, -27.0589, -22.5080

Details

The CIELCh color **78, 37.504, 223.860** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **60, 67.390, 40.382**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.470, 197.301**, and **59, 34.073, 227.479** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.667, 226.251**, and if you desaturate by 10%, it is **80, 34.440, 221.991**.

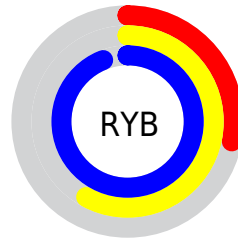
Distribution



Red (28%)

Green (82%)

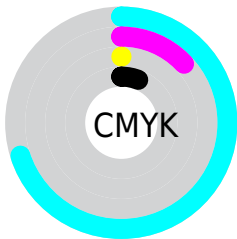
Blue (94%)



Red (28%)

Yellow (58%)

Blue (94%)

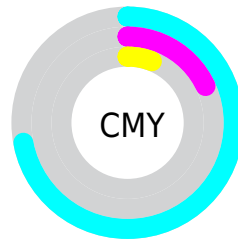


Cyan (70%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (72%)


Magenta (18%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.504, 223.860 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 78, 37.504, 223.860 by changing the saturation by 10% instead.


 78, 37.504,
223.860


 78, 37.504,
223.860


 100, 37.504,
223.860


 68, 37.504,
223.860


 98, 37.504,
223.860

 58, 37.504,
223.860

 48, 37.504,
223.860

 38, 37.504,
223.860

 28, 37.504,
223.860

 18, 37.504,
223.860

 8, 37.504, 223.860

0, 37.504, 223.860

78, 37.504,
223.860

78, 37.504,
223.860

76, 39.667,
226.251

80, 34.440,
221.991

75, 41.007,
229.233

82, 30.484,
220.563

73, 41.733,
232.602

84, 25.698,
219.499

87, 20.176,
218.730

89, 14.030,
218.199

92, 7.374, 217.878

■ 95, 0.313, 219.580

■ 97, 4.404, 48.636

■ 98, 4.922, 82.070

Harmonies

Complementary

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



78, 37.504, 223.860



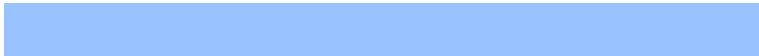
60, 67.390, 40.382

Rectangle

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



78, 37.504, 223.860



78, 37.504, 273.860



78, 37.504, 43.860



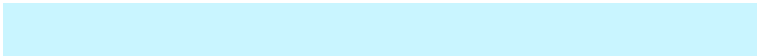
78, 37.504, 93.860

Sweetspot

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



78, 37.503, 223.859



94, 15.120, 218.227



84, 88.136, 142.567



49, 10.140, 218.356



0, 0.000, 0.000



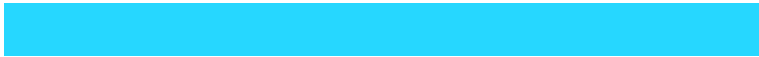
53, 0.007, 296.813

Same Dimension

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



78, 37.503, 223.859



80, 42.314, 227.620



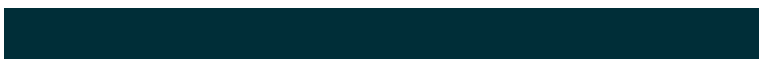
54, 66.528, 287.731



49, 4.024, 217.860



57, 34.111, 231.922



17, 14.853, 226.364

Inverse Universe

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



60, 85.297, 334.726



60, 97.752, 335.937



79, 63.811, 82.740



47, 7.581, 330.513



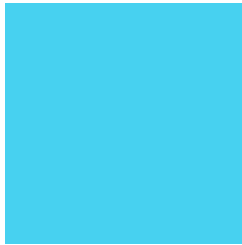
42, 78.293, 337.158



9, 34.845, 335.699

Previews

White Background



This preview shows how the CIE LCh color 78, 37.504, 223.860 looks on a white background.

Color Contrast Check

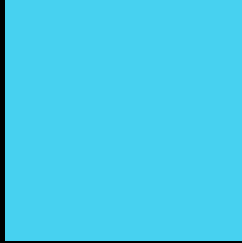
Large Text (above 18pt) WCAG AA × Fail

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 78, 37.504, 223.860 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 78, 37.504, 223.860

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.504, 223.860.

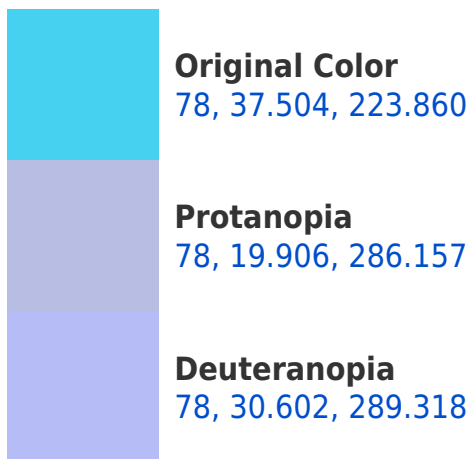


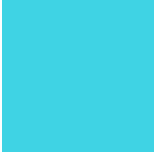
This preview shows how white text looks on a background with the CIELCh color 78, 37.504, 223.860.

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
78, 38.032, 210.958

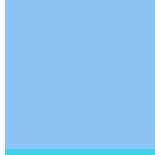
Trichromacy



Original Color
78, 37.504, 223.860



Protanomaly
77, 24.589, 248.851



Deuteranomaly
77, 29.318, 258.769

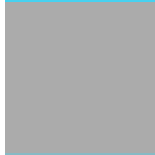


Tritanomaly
78, 37.583, 215.551

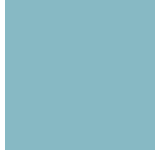
Monochromacy



Original Color
78, 37.504, 223.860



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 17.515, 218.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.504, 223.860 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(71, 209, 240)` looks like.

```
.text, #text, p{  
    color:rgb(71, 209, 240)  
}
```

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(71, 209, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 209, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.504, 223.860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

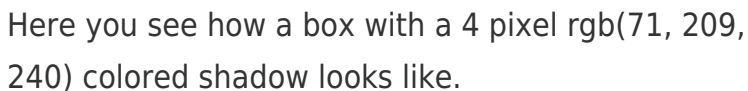
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 209, 240) }
```

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

```
.border{ border-color:rgb(71, 209, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 209, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 209, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 209, 240); box-shadow:4px 4px 4px 4px rgb(71, 209, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.504, 223.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 209, 240) }
```

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

```
.background{ background-color: rgb(71, 209,  
240) }
```

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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