

Converting Colors

CIELCh(78, 42.436, 224.452)

Have a look what the booklet for
CIELCh(78, 42.436, 224.452)
contains.

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Color

CIELCh(78, 42.457, 224.390)

Conversions

Conversions Part 1

Format	Color
Hex	04D3F7
RGB	4, 211, 247
RGB Percent	2%, 83%, 97%
CMY	0.9856, 0.1733, 0.0322
CMYK	0.99, 0.15, 0.00, 0.03
HSL	189°, 97%, 49%
HSV	189°, 99%, 97%
XYZ	40.0444, 53.2120, 95.9858
YIQ	153.2110, -134.9280, -32.6880

Conversions

Conversions Part 2

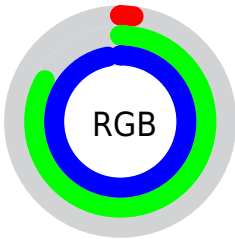
Format	Color
RYB	4, 116, 247
Decimal	316407
CIELab	78.00, -30.34, -29.70
CIELCh	78, 42.457, 224.390
Yxy	53.2120, 0.2116, 0.2812
Android (android.graphics.Color)	4278506487 (0xFF04D3F7)
YUV	153.2110, 46.2380, -130.8580
Hunter-Lab	72.9466, -29.6680, -26.9534

Details

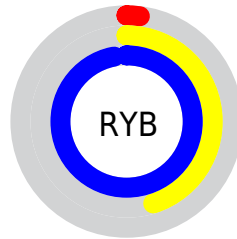
The CIELCh color **78, 42.457, 224.390** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **53, 98.230, 41.661**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.445, 197.005**, and **59, 35.133, 231.996** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.515, 224.818**, and if you desaturate by 10%, it is **79, 41.904, 221.651**.

Distribution



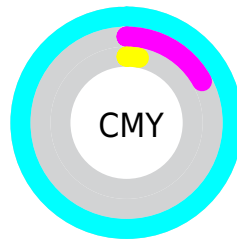
- Red (2%)
- Green (83%)
- Blue (97%)



- Red (2%)
- Yellow (45%)
- Blue (97%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)





- Cyan (99%)
- Magenta (17%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 42.457, 224.390 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, 42.457, 224.390 by changing the saturation by 10% instead.

 78, 42.457,
224.390


 78, 42.457,
224.390


 100, 42.457,
224.390


 68, 42.457,
224.390


 98, 42.457,
224.390

 58, 42.457,
224.390

 48, 42.457,
224.390

 38, 42.457,
224.390

 28, 42.457,
224.390

 18, 42.457,
224.390

 8, 42.457, 224.390

0, 42.457, 224.390

78, 42.457,
224.390

78, 42.457,
224.390

78, 42.515,
224.818

79, 41.904,
221.651

81, 40.581,
219.410

82, 38.317,
217.648

84, 35.065,
216.303

86, 30.853,
215.309

88, 25.759,
214.604

■ 90, 19.892,
214.135

■ 92, 13.374,
213.860

■ 95, 6.328, 213.769

Harmonies

Complementary

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



78, 42.457, 224.390



53, 98.230, 41.661

Rectangle

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



78, 42.457, 224.390



78, 42.457, 274.390



78, 42.457, 44.390



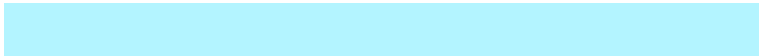
78, 42.457, 94.390

Sweetspot

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



78, 42.456, 224.390



92, 21.366, 214.194



85, 113.138, 137.278



48, 14.326, 214.380



0, 0.000, 0.000



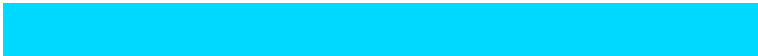
53, 0.007, 296.813

Same Dimension

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



78, 42.456, 224.390



80, 43.580, 224.874



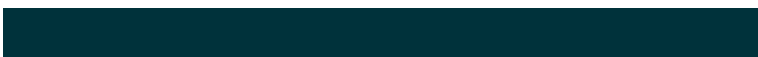
45, 90.605, 294.803



50, 4.188, 213.767



60, 34.419, 224.258



18, 15.398, 220.081

Inverse Universe

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



57, 100.115, 335.189



58, 102.700, 335.318



72, 80.095, 72.286



48, 7.908, 329.323



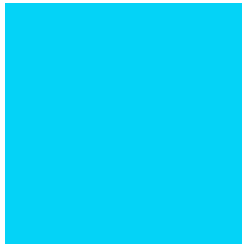
43, 81.249, 335.161



10, 36.675, 334.113

Previews

White Background



This preview shows how the CIE LCh color 78, 42.457, 224.390 looks on a white background.

Color Contrast Check

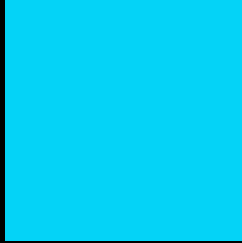
Large Text (above 18pt) WCAG AA × Fail

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, 42.457, 224.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

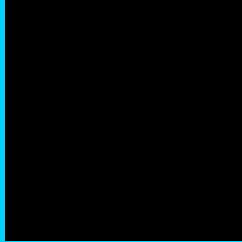
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.457, 224.390

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.457, 224.390.

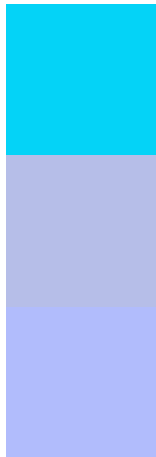


This preview shows how white text looks on a background with the CIELCh color 78, 42.457, 224.390.

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

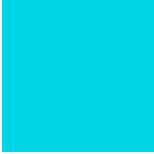
78, 42.477, 224.374

Protanopia

78, 22.619, 285.482

Deuteranopia

77, 34.412, 287.518



Tritanopia
78, 42.203, 209.287

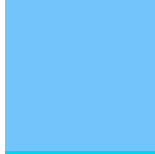
Trichromacy



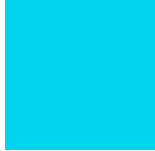
Original Color
78, 42.477, 224.374



Protanomaly
76, 30.516, 242.030



Deuteranomaly
76, 35.724, 253.502

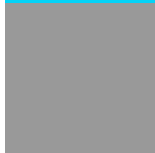


Tritanomaly
78, 41.969, 214.865

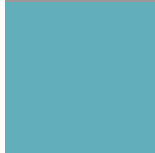
Monochromacy



Original Color
78, 42.477, 224.374



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 24.187, 215.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.457, 224.390 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(4, 211, 247)` looks like.

```
.text, #text, p{  
    color:rgb(4, 211, 247)  
}
```

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(4, 211, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 211, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.457, 224.390 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(4, 211, 247) }
```

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

```
.border{ border-color:rgb(4, 211, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 211, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(4, 211,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.457, 224.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 211, 247) }
```

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

```
.background{ background-color: rgb(4, 211,  
247) }
```

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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