

Converting Colors

CIELCh(75, 52.554, 214.699)

Have a look what the booklet for
CIELCh(75, 52.554, 214.699)
contains.

CIELCh(77, 41.650, 219.979)	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(77, 41.650, 219.979)

Conversions

Conversions Part 1

Format	Color
Hex	03D0EE
RGB	3, 208, 238
RGB Percent	1%, 82%, 93%
CMY	0.9891, 0.1827, 0.0650
CMYK	0.99, 0.13, 0.00, 0.06
HSL	188°, 98%, 47%
HSV	188°, 99%, 94%
XYZ	38.1873, 51.5317, 89.1513
YIQ	150.1250, -131.8100, -34.1300

Conversions

Conversions Part 2

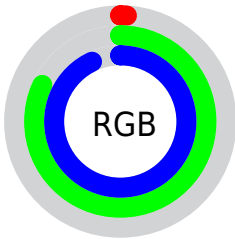
Format	Color
RYB	3, 112, 238
Decimal	250094
CIELab	77.00, -31.92, -26.76
CIELCh	77, 41.650, 219.979
Yxy	51.5317, 0.2135, 0.2881
Android (android.graphics.Color)	4278440174 (0xFF03D0EE)
YUV	150.1250, 43.3224, -129.0286
Hunter-Lab	71.7856, -30.6695, -23.3830

Details

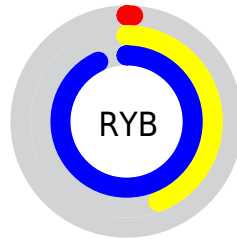
The CIELCh color **77, 41.650, 219.979** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **51, 96.461, 41.267**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.818, 196.983**, and **58, 33.801, 226.647** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.683, 220.257**, and if you desaturate by 10%, it is **78, 41.208, 217.690**.

Distribution



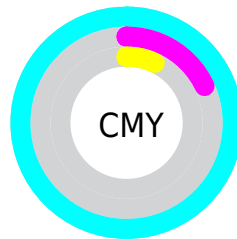
- Red (1%)
- Green (82%)
- Blue (93%)



- Red (1%)
- Yellow (44%)
- Blue (93%)



- Cyan (99%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)





- Cyan (99%)
- Magenta (18%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.650, 219.979 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 77, 41.650, 219.979 by changing the saturation by 10% instead.


 77, 41.650,
219.979


 77, 41.650,
219.979


 100, 41.650,
219.979


 67, 41.650,
219.979


 97, 41.650,
219.979

 57, 41.650,
219.979

 47, 41.650,
219.979

 37, 41.650,
219.979

 27, 41.650,
219.979

 17, 41.650,
219.979

 7, 41.650, 219.979

■ 0, 41.650, 219.979

■ 77, 41.650,
219.979

■ 77, 41.650,
219.979

■ 77, 41.683,
220.257

■ 78, 41.208,
217.690

■ 79, 39.992,
215.824

■ 80, 37.833,
214.369

■ 82, 34.687,
213.274

■ 84, 30.582,
212.484

■ 86, 25.596,
211.946

■ 88, 19.837,
211.616

■ 90, 13.425,
211.459

■ 92, 6.484, 211.467

Harmonies

Complementary

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



77, 41.650, 219.979



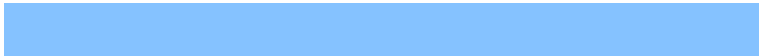
51, 96.461, 41.267

Rectangle

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



77, 41.650, 219.979



77, 41.650, 269.979



77, 41.650, 39.979



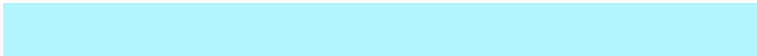
77, 41.650, 89.979

Sweetspot

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



77, 41.649, 219.978



93, 21.683, 211.648



83, 110.907, 137.035



48, 14.536, 211.774



0, 0.000, 0.000



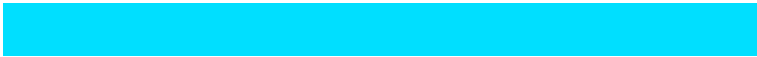
53, 0.007, 296.813

Same Dimension

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



77, 41.649, 219.978



82, 43.849, 220.356



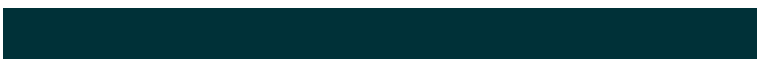
44, 85.919, 293.781



49, 4.181, 211.460



60, 34.300, 219.811



18, 15.121, 216.140

Inverse Universe

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



55, 99.157, 334.082



59, 104.391, 334.181



69, 78.212, 70.683



47, 7.886, 328.652



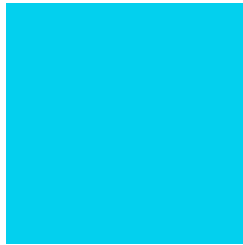
42, 81.728, 334.046



10, 36.172, 333.139

Previews

White Background



This preview shows how the CIE LCh color 77, 41.650, 219.979 looks on a white background.

Color Contrast Check

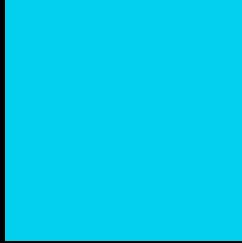
Large Text (above 18pt) WCAG AA × Fail

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 77, 41.650, 219.979 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 77, 41.650, 219.979

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.650, 219.979.

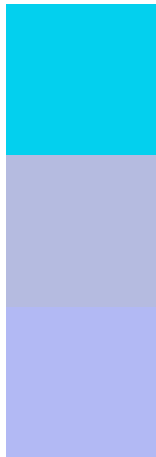


This preview shows how white text looks on a background with the CIELCh color 77, 41.650, 219.979.

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

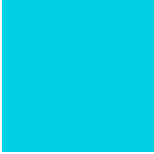
77, 41.584, 220.022

Protanopia

77, 19.964, 286.192

Deuteranopia

76, 31.773, 289.029

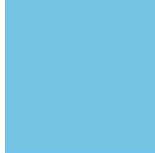


Tritanopia
77, 41.748, 209.465

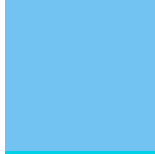
Trichromacy



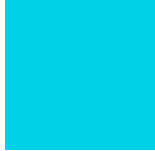
Original Color
77, 41.584, 220.022



Protanomaly
75, 28.776, 238.090



Deuteranomaly
75, 33.300, 249.947



Tritanomaly
77, 41.504, 213.523

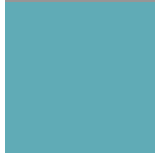
Monochromacy



Original Color
77, 41.584, 220.022



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 24.060, 212.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.650, 219.979 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(3, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(3, 208, 238)  
}
```

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(3, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 208, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.650, 219.979 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(3, 208, 238) }
```

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

```
.border{ border-color:rgb(3, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(3, 208,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.650, 219.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 208, 238) }
```

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

```
.background{ background-color: rgb(3, 208,  
238) }
```

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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