

Converting Colors

CIELCh(77, 41.496, 210.740)

Have a look what the booklet for
CIELCh(77, 41.496, 210.740)
contains.

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Color

CIELCh(77, 41.574, 210.314)

Conversions

Conversions Part 1

Format	Color
Hex	04D2E4
RGB	4, 210, 228
RGB Percent	2%, 82%, 89%
CMY	0.9846, 0.1778, 0.1072
CMYK	0.98, 0.08, 0.00, 0.11
HSL	185°, 97%, 45%
HSV	185°, 98%, 89%
XYZ	36.9665, 51.5317, 81.1467
YIQ	150.4580, -128.5540, -38.0740

Conversions

Conversions Part 2

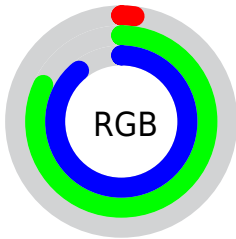
Format	Color
R _{YB}	4, 111, 228
Decimal	316132
CIE Lab	77.00, -35.89, -20.98
CIE LCh	77, 41.574, 210.314
Yxy	51.5317, 0.2179, 0.3038
Android (android.graphics.Color)	4278506212 (0xFF04D2E4)
YUV	150.4580, 38.2282, -128.4437
Hunter-Lab	71.7856, -33.7050, -16.7716

Details

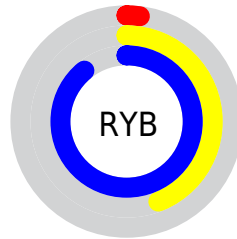
The CIELCh color **77, 41.574, 210.314** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **48, 93.845, 40.410**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.183, 196.962**, and **58, 33.282, 214.909** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.613, 210.547**, and if you desaturate by 10%, it is **78, 41.146, 209.027**.

Distribution



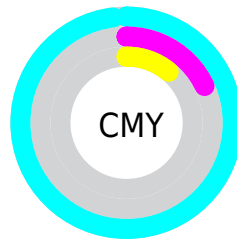
- Red (2%)
- Green (82%)
- Blue (89%)



- Red (2%)
- Yellow (44%)
- Blue (89%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)




- Cyan (98%)
- Magenta (18%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.574, 210.314 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, 41.574, 210.314 by changing the saturation by 10% instead.


 77, 41.574,
210.314


 77, 41.574,
210.314


 100, 41.574,
210.314


 67, 41.574,
210.314


 97, 41.574,
210.314

 57, 41.574,
210.314

 47, 41.574,
210.314

 37, 41.574,
210.314

 27, 41.574,
210.314

 17, 41.574,
210.314

 7, 41.574, 210.314

■ 0, 41.574, 210.314

■ 77, 41.574,
210.314

■ 77, 41.574,
210.314

■ 77, 41.613,
210.547

■ 78, 41.146,
209.027

■ 78, 39.902,
208.005

■ 79, 37.700,
207.242

■ 81, 34.508,
206.709

■ 82, 30.357,
206.378

■ 83, 25.327,
206.218

■ 85, 19.524,
206.204

■ 87, 13.071,
206.314

■ 89, 6.091, 206.556

Harmonies

Complementary

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



77, 41.574, 210.314



48, 93.845, 40.410

Rectangle

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



77, 41.574, 210.314



77, 41.574, 260.314



77, 41.574, 30.314



77, 41.574, 80.314

Sweetspot

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



77, 41.573, 210.313



94, 21.878, 206.200



79, 108.317, 136.539



49, 14.750, 206.195



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, 41.573, 210.313



85, 45.317, 210.646



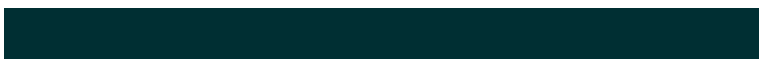
45, 75.116, 289.852



47, 4.196, 206.517



62, 34.734, 210.300



17, 14.757, 207.952

Inverse Universe

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



53, 99.297, 331.701



59, 108.364, 331.792



64, 75.954, 66.305



45, 7.862, 327.205



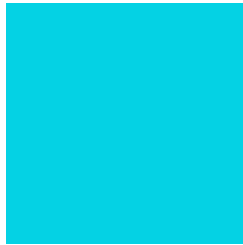
42, 83.033, 331.707



8, 35.184, 331.131

Previews

White Background



This preview shows how the CIE LCh color 77, 41.574, 210.314 looks on a white background.

Color Contrast Check

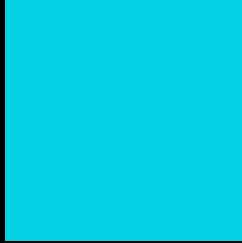
Large Text (above 18pt) WCAG AA × Fail

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, 41.574, 210.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

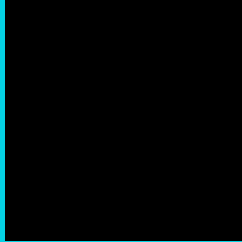
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.574, 210.314

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.574, 210.314.



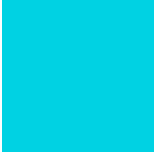
This preview shows how white text looks on a background with the CIELCh color 77, 41.574, 210.314.

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



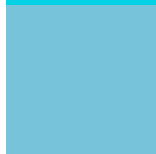


Tritanopia
77, 41.748, 209.465

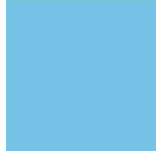
Trichromacy



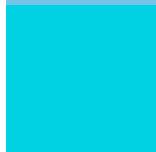
Original Color
77, 41.623, 210.295



Protanomaly
75, 25.728, 227.062



Deuteranomaly
75, 28.933, 242.295

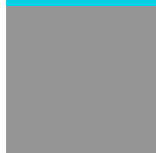


Tritanomaly
77, 41.724, 209.474

Monochromacy



Original Color
77, 41.623, 210.295



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 24.011, 205.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.574, 210.314 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, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(4, 210, 228)  
}
```

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, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 210, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.574, 210.314 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, 210, 228) }
```

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

```
.border{ border-color:rgb(4, 210, 228) }
```

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

Here you see how a box with a 4 pixel rgb(4, 210, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(4, 210,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.574, 210.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 210, 228) }
```

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

```
.background{ background-color: rgb(4, 210,  
228) }
```

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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