

Converting Colors

CIELCh(74, 58.178, 204.035)

Have a look what the booklet for
CIELCh(74, 58.178, 204.035)
contains.

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Color

CIELCh(76, 41.480, 208.788)

Conversions

Conversions Part 1

Format	Color
Hex	00CFDF
RGB	0, 207, 223
RGB Percent	0%, 81%, 87%
CMY	1.0000, 0.1884, 0.1257
CMYK	1.00, 0.07, 0.00, 0.13
HSL	184°, 100%, 44%
HSV	184°, 100%, 87%
XYZ	35.5348, 49.8872, 77.5331
YIQ	146.9310, -128.5080, -38.9080

Conversions

Conversions Part 2

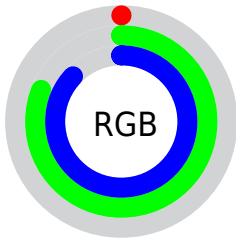
Format	Color
RYB	0, 107, 223
Decimal	53215
CIELab	76.00, -36.35, -19.98
CIELCh	76, 41.480, 208.788
Yxy	49.8872, 0.2181, 0.3061
Android (android.graphics.Color)	4278243295 (0xFF00CFDF)
YUV	146.9310, 37.5020, -128.8585
Hunter-Lab	70.6309, -33.7998, -15.6423

Details

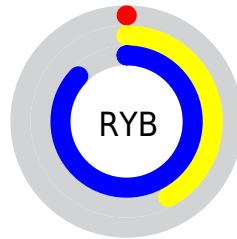
The CIELCh color **76, 41.480, 208.788** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **47, 93.517, 40.637**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.363, 196.951**, and **57, 32.793, 213.107** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.321, 208.844**, and if you desaturate by 10%, it is **77, 40.962, 207.704**.

Distribution



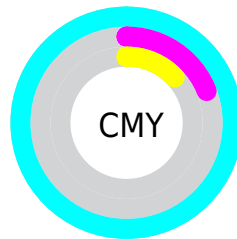
- Red (0%)
- Green (81%)
- Blue (87%)



- Red (0%)
- Yellow (42%)
- Blue (87%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)





- Cyan (100%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.480, 208.788 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 76, 41.480, 208.788 by changing the saturation by 10% instead.

 76, 41.480,
208.788


 76, 41.480,
208.788


 100, 41.480,
208.788


 66, 41.480,
208.788


 96, 41.480,
208.788

 56, 41.480,
208.788

 46, 41.480,
208.788

 36, 41.480,
208.788

 26, 41.480,
208.788

 16, 41.480,
208.788

 6, 41.480, 208.788

■ 0, 41.480, 208.788

■ 76, 41.480,
208.788

■ 76, 41.480,
208.788

■ 76, 41.321,
208.844

■ 77, 40.962,
207.704

■ 77, 39.866,
206.783

■ 78, 37.837,
206.097

■ 79, 34.832,
205.626

■ 80, 30.871,
205.342

■ 82, 26.024,
205.220

■ 83, 20.394,
205.236

■ 85, 14.100,
205.372

■ 87, 7.263, 205.625

Harmonies

Complementary

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



76, 41.480, 208.788



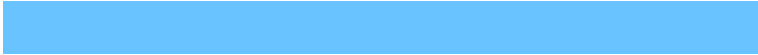
47, 93.517, 40.637

Rectangle

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



76, 41.480, 208.788



76, 41.480, 258.788



76, 41.480, 28.788



76, 41.480, 78.788

Sweetspot

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



76, 41.321, 208.844



94, 22.721, 205.235



78, 107.053, 136.462



49, 15.229, 205.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 41.321, 208.844



86, 45.709, 208.947



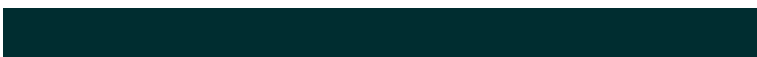
44, 75.247, 290.479



46, 4.152, 205.644



61, 34.663, 208.630



16, 14.417, 206.467

Inverse Universe

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



52, 98.633, 331.351



59, 109.121, 331.376



62, 75.424, 65.876



44, 7.764, 326.946



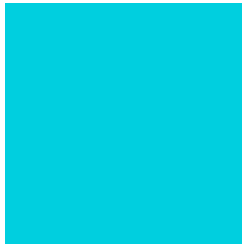
41, 82.718, 331.298



7, 34.238, 330.755

Previews

White Background



This preview shows how the CIE LCh color 76, 41.480, 208.788 looks on a white background.

Color Contrast Check

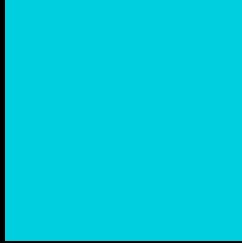
Large Text (above 18pt) WCAG AA × Fail

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 76, 41.480, 208.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

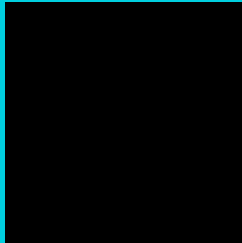
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.480, 208.788

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.480, 208.788.

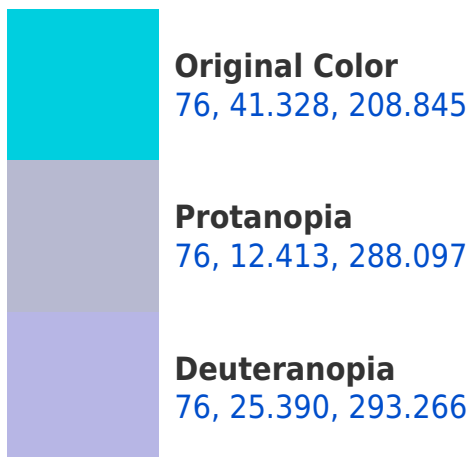


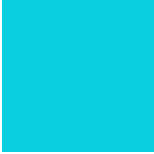
This preview shows how white text looks on a background with the CIELCh color 76, 41.480, 208.788.

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



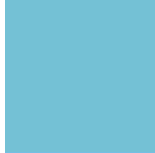


Tritanopia
76, 41.045, 209.743

Trichromacy



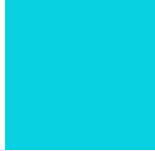
Original Color
76, 41.328, 208.845



Protanomaly
74, 25.461, 223.242



Deuteranomaly
74, 28.644, 241.489

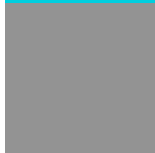


Tritanomaly
76, 41.144, 209.704

Monochromacy



Original Color
76, 41.328, 208.845



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 23.997, 205.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.480, 208.788 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(0, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 223)  
}
```

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(0, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.480, 208.788 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(0, 207, 223) }
```

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

```
.border{ border-color:rgb(0, 207, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 207, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 207, 223); box-shadow:4px 4px 4px 4px rgb(0, 207, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.480, 208.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 223) }
```

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

```
.background{ background-color: rgb(0, 207,  
223) }
```

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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