

Converting Colors

CIELCh(69, 77.106, 198.159)

Have a look what the booklet for
CIELCh(69, 77.106, 198.159)
contains.

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Color

CIELCh(74, 40.598, 204.332)

Conversions

Conversions Part 1

Format	Color
Hex	08C9D3
RGB	8, 201, 211
RGB Percent	3%, 79%, 83%
CMY	0.9695, 0.2104, 0.1712
CMYK	0.96, 0.05, 0.00, 0.17
HSL	183°, 93%, 43%
HSV	183°, 96%, 83%
XYZ	32.8643, 46.7039, 69.1346
YIQ	144.4330, -118.2380, -37.8060

Conversions

Conversions Part 2

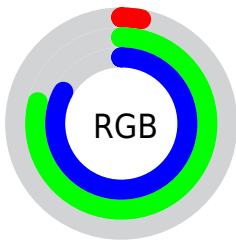
Format	Color
RYB	8, 107, 211
Decimal	575955
CIELab	74.00, -36.99, -16.73
CIELCh	74, 40.598, 204.332
Yxy	46.7039, 0.2210, 0.3141
Android (android.graphics.Color)	4278766035 (0xFF08C9D3)
YUV	144.4330, 32.8175, -119.6517
Hunter-Lab	68.3403, -33.7563, -12.1410

Details

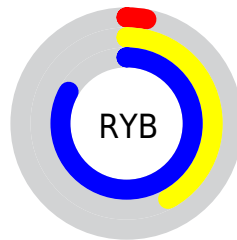
The CIELCh color **74, 40.598, 204.332** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 88.060, 39.609**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.719, 196.930**, and **55, 31.944, 208.199** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.719, 204.601**, and if you desaturate by 10%, it is **74, 39.971, 203.662**.

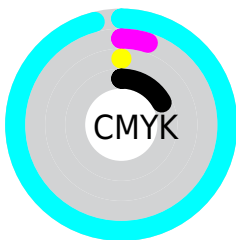
Distribution



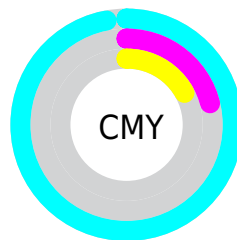
- Red (3%)
- Green (79%)
- Blue (83%)



- Red (3%)
- Yellow (42%)
- Blue (83%)



- Cyan (96%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)





- Cyan (97%)
- Magenta (21%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.598, 204.332 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 74, 40.598, 204.332 by changing the saturation by 10% instead.

 74, 40.598,
204.332

 74, 40.598,
204.332


 100, 40.598,
204.332


 64, 40.598,
204.332


 94, 40.598,
204.332

 54, 40.598,
204.332

 44, 40.598,
204.332

 34, 40.598,
204.332

 24, 40.598,
204.332

 14, 40.598,
204.332

 4, 40.598, 204.332

0, 40.598, 204.332

74, 40.598,
204.332

74, 40.598,
204.332

74, 40.719,
204.601

74, 39.971,
203.662

75, 38.513,
203.165

76, 36.130,
202.836

77, 32.807,
202.660

78, 28.580,
202.622

79, 23.529,
202.705

■ 80, 17.759,
202.894

■ 82, 11.387,
203.178

■ 84, 4.531, 203.591

Harmonies

Complementary

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



74, 40.598, 204.332



45, 88.060, 39.609

Rectangle

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



74, 40.598, 204.332



74, 40.598, 254.332



74, 40.598, 24.332



74, 40.598, 74.332

Sweetspot

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



74, 40.597, 204.331



94, 22.531, 202.827



74, 102.540, 136.377



50, 15.191, 202.746



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 40.597, 204.331



87, 46.886, 204.696



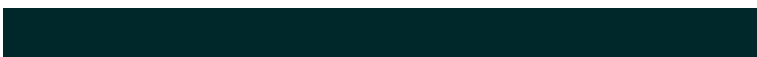
45, 64.959, 286.048



43, 4.002, 203.439



60, 34.401, 204.463



13, 13.308, 202.805

Inverse Universe

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



50, 95.938, 330.214



60, 111.118, 330.329



58, 71.587, 64.036



41, 7.441, 326.286



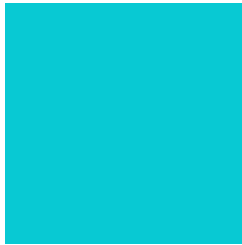
39, 81.485, 330.271



6, 29.973, 329.461

Previews

White Background



This preview shows how the CIE LCh color 74, 40.598, 204.332 looks on a white background.

Color Contrast Check

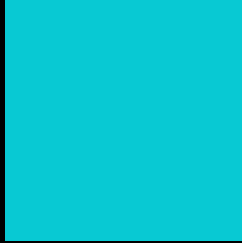
Large Text (above 18pt) WCAG AA × Fail

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 74, 40.598, 204.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

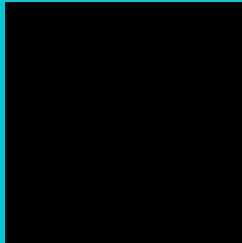
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.598, 204.332

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.598, 204.332.

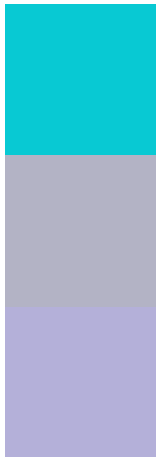


This preview shows how white text looks on a background with the CIELCh color 74, 40.598, 204.332.

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](#).

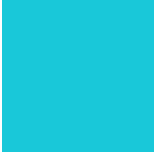
Dichromacy



Original Color
74, 40.537, 204.350

Protanopia
73, 9.770, 291.117

Deuteranopia
73, 22.349, 295.776



Tritanopia
74, 39.396, 210.435

Trichromacy



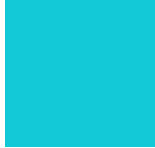
Original Color
74, 40.537, 204.350



Protanomaly
72, 23.201, 218.650



Deuteranomaly
72, 25.688, 238.039



Tritanomaly
74, 39.730, 208.644

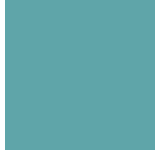
Monochromacy



Original Color
74, 40.537, 204.350



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 22.788, 203.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.598, 204.332 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(8, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(8, 201, 211)  
}
```

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(8, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 201, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.598, 204.332 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(8, 201, 211) }
```

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

```
.border{ border-color:rgb(8, 201, 211) }
```

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

Here you see how a box with a 4 pixel rgb(8, 201, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(8, 201,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.598, 204.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 201, 211) }
```

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

```
.background{ background-color: rgb(8, 201,  
211) }
```

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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