

Converting Colors

CIELCh(75, 40.529, 207.237)

Have a look what the booklet for
CIELCh(75, 40.529, 207.237)
contains.

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Color

CIELCh(75, 40.516, 207.547)

Conversions

Conversions Part 1

Format	Color
Hex	0FCCDA
RGB	15, 204, 218
RGB Percent	6%, 80%, 85%
CMY	0.9396, 0.2005, 0.1456
CMYK	0.93, 0.06, 0.00, 0.15
HSL	184°, 87%, 46%
HSV	184°, 93%, 85%
XYZ	34.3988, 48.2781, 73.7391
YIQ	149.0850, -117.1380, -35.7140

Conversions

Conversions Part 2

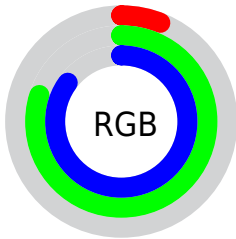
Format	Color
RYB	15, 113, 218
Decimal	1035482
CIELab	75.00, -35.92, -18.74
CIELCh	75, 40.516, 207.547
Yxy	48.2781, 0.2199, 0.3087
Android (android.graphics.Color)	4279225562 (0xFF0FCCDA)
YUV	149.0850, 33.9751, -117.5925
Hunter-Lab	69.4824, -33.2238, -14.2845

Details

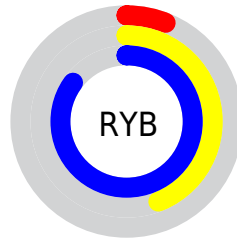
The CIELCh color **75, 40.516, 207.547** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **47, 87.703, 39.392**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.183, 196.962**, and **56, 32.333, 211.239** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.723, 208.329**, and if you desaturate by 10%, it is **76, 39.673, 206.602**.

Distribution



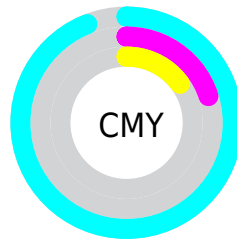
- Red (6%)
- Green (80%)
- Blue (85%)



- Red (6%)
- Yellow (44%)
- Blue (85%)



- Cyan (93%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (94%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.516, 207.547 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 75, 40.516, 207.547 by changing the saturation by 10% instead.


 75, 40.516,
207.547


 75, 40.516,
207.547


 100, 40.516,
207.547


 65, 40.516,
207.547


 95, 40.516,
207.547

 55, 40.516,
207.547

 45, 40.516,
207.547

 35, 40.516,
207.547

 25, 40.516,
207.547

 15, 40.516,
207.547

 5, 40.516, 207.547

■ 0, 40.516, 207.547

■ 75, 40.516,
207.547

■ 75, 40.516,
207.547

■ 75, 40.723,
208.329

■ 76, 39.673,
206.602

■ 76, 37.942,
205.890

■ 77, 35.256,
205.390

■ 78, 31.622,
205.080

■ 80, 27.094,
204.935

■ 81, 21.766,
204.930

■ 83, 15.750,
205.047

■ 84, 9.167, 205.275

■ 86, 2.132, 205.764

Harmonies

Complementary

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



75, 40.516, 207.547



47, 87.703, 39.392

Rectangle

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



75, 40.516, 207.547



75, 40.516, 257.547



75, 40.516, 27.547



75, 40.516, 77.547

Sweetspot

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



75, 40.515, 207.546



94, 21.427, 204.971



76, 102.946, 136.957



49, 14.536, 204.932



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 40.515, 207.546



86, 45.833, 208.446



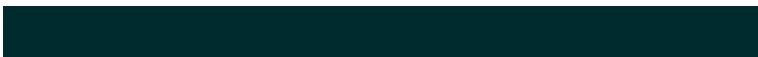
45, 68.272, 287.523



45, 4.084, 205.387



60, 34.385, 208.129



15, 13.990, 205.941

Inverse Universe

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



51, 96.155, 330.987



59, 109.348, 331.253



62, 71.401, 67.908



43, 7.632, 326.868



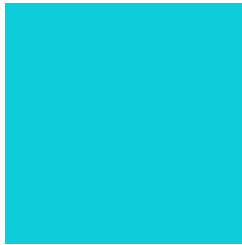
40, 82.000, 331.175



7, 32.931, 330.565

Previews

White Background



This preview shows how the CIE LCh color 75, 40.516, 207.547 looks on a white background.

Color Contrast Check

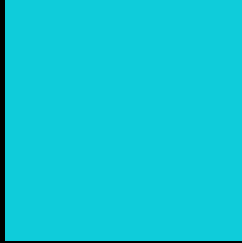
Large Text (above 18pt) WCAG AA × Fail

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 75, 40.516, 207.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

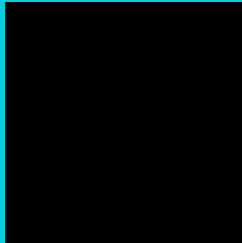
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.516, 207.547

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.516, 207.547.

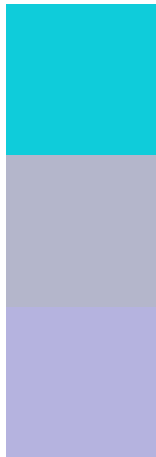


This preview shows how white text looks on a background with the CIELCh color 75, 40.516, 207.547.

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

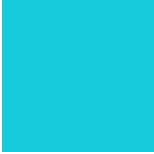
75, 40.550, 207.535

Protanopia

74, 11.372, 287.693

Deuteranopia

74, 23.860, 294.018

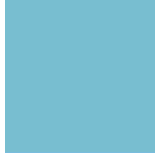


Tritanopia
75, 40.196, 209.274

Trichromacy



Original Color
75, 40.550, 207.535



Protanomaly
73, 23.576, 222.617



Deuteranomaly
73, 26.349, 241.486



Tritanomaly
75, 40.318, 208.419

Monochromacy



Original Color
75, 40.550, 207.535



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 22.503, 204.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.516, 207.547 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(15, 204, 218)` looks like.

```
.text, #text, p{  
    color:rgb(15, 204, 218)  
}
```

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(15, 204, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 204, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.516, 207.547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

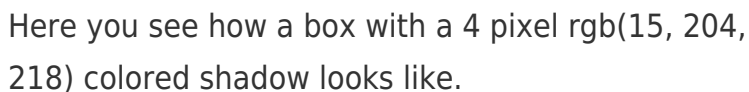
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(15, 204, 218) }
```

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

```
.border{ border-color:rgb(15, 204, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(15, 204, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 204, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 204, 218);  
box-shadow:4px 4px 4px 4px rgb(15, 204,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.516, 207.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 204, 218) }
```

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

```
.background{ background-color: rgb(15, 204,  
218) }
```

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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