

Converting Colors

CIELCh(75, 41.157, 204.947)

Have a look what the booklet for
CIELCh(75, 41.157, 204.947)
contains.

CIELCh(75, 41.090, 204.997)	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(75, 41.090, 204.997)

Conversions

Conversions Part 1

Format	Color
Hex	04CCD7
RGB	4, 204, 215
RGB Percent	2%, 80%, 84%
CMY	0.9849, 0.1988, 0.1557
CMYK	0.98, 0.05, 0.00, 0.16
HSL	183°, 96%, 43%
HSV	183°, 98%, 84%
XYZ	34.0184, 48.2781, 72.0217
YIQ	145.4540, -122.7310, -38.9790

Conversions

Conversions Part 2

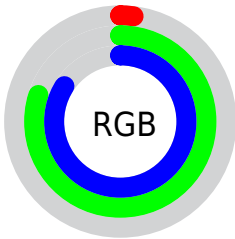
Format	Color
RYB	4, 107, 215
Decimal	314583
CIELab	75.00, -37.24, -17.36
CIELCh	75, 41.090, 204.997
Yxy	48.2781, 0.2204, 0.3128
Android (android.graphics.Color)	4278504663 (0xFF04CCD7)
YUV	145.4540, 34.2862, -124.0552
Hunter-Lab	69.4824, -34.2011, -12.8190

Details

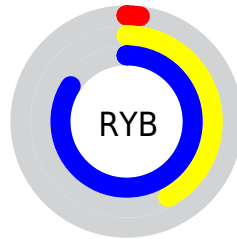
The CIELCh color **75, 41.090, 204.997** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 90.354, 40.034**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.542, 196.941**, and **56, 32.432, 207.976** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.146, 205.138**, and if you desaturate by 10%, it is **75, 40.590, 204.248**.

Distribution



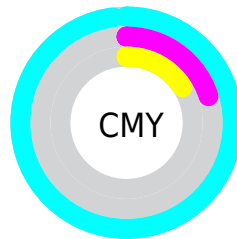
- Red (2%)
- Green (80%)
- Blue (84%)



- Red (2%)
- Yellow (42%)
- Blue (84%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)





- Cyan (98%)
- Magenta (20%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.090, 204.997 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, 41.090, 204.997 by changing the saturation by 10% instead.


 75, 41.090,
204.997


 75, 41.090,
204.997


 100, 41.090,
204.997


 65, 41.090,
204.997


 95, 41.090,
204.997

 55, 41.090,
204.997

 45, 41.090,
204.997

 35, 41.090,
204.997

 25, 41.090,
204.997

 15, 41.090,
204.997

 5, 41.090, 204.997

■ 0, 41.090, 204.997

■ 75, 41.090,
204.997

■ 75, 41.090,
204.997

■ 75, 41.146,
205.138

■ 75, 40.590,
204.248

■ 76, 39.297,
203.675

■ 77, 37.078,
203.278

■ 78, 33.902,
203.045

■ 79, 29.798,
202.958

■ 80, 24.840,
202.999

■ 81, 19.131,
203.153

■ 83, 12.788,
203.405

■ 85, 5.931, 203.770

Harmonies

Complementary

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



75, 41.090, 204.997



45, 90.354, 40.034

Rectangle

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



75, 41.090, 204.997



75, 41.090, 254.997



75, 41.090, 24.997



75, 41.090, 74.997

Sweetspot

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



75, 41.089, 204.996



94, 22.468, 203.131



75, 104.143, 136.419



50, 15.148, 203.057



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, 41.089, 204.996



87, 46.723, 205.228



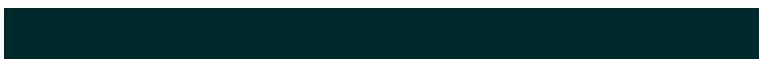
44, 69.501, 288.332



44, 4.071, 203.717



61, 34.664, 204.990



14, 13.750, 203.320

Inverse Universe

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



51, 97.349, 330.392



60, 110.860, 330.460



60, 73.058, 64.942



42, 7.575, 326.371



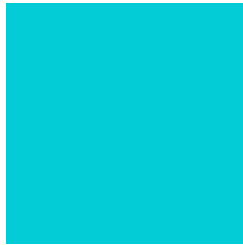
40, 82.204, 330.401



6, 31.732, 329.793

Previews

White Background



This preview shows how the CIE LCh color 75, 41.090, 204.997 looks on a white background.

Color Contrast Check

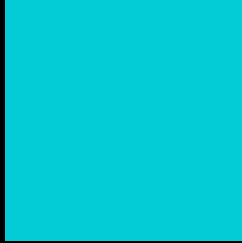
Large Text (above 18pt) WCAG AA × Fail

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, 41.090, 204.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

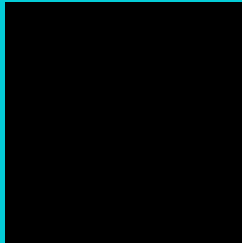
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 41.090, 204.997

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.090, 204.997.

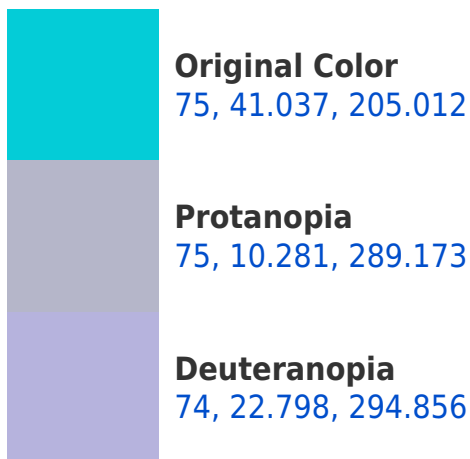


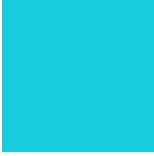
This preview shows how white text looks on a background with the CIELCh color 75, 41.090, 204.997.

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



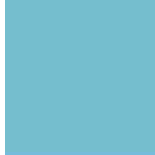


Tritanopia
75, 40.151, 209.292

Trichromacy



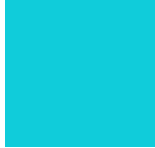
Original Color
75, 41.037, 205.012



Protanomaly
73, 24.031, 219.215



Deuteranomaly
73, 26.520, 237.928



Tritanomaly
75, 40.516, 207.547

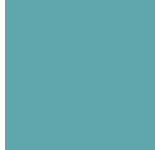
Monochromacy



Original Color
75, 41.037, 205.012



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 23.558, 202.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.090, 204.997 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, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(4, 204, 215)  
}
```

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, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 204, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.090, 204.997 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, 204, 215) }
```

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

```
.border{ border-color:rgb(4, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(4, 204,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.090, 204.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 204, 215) }
```

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

```
.background{ background-color: rgb(4, 204,  
215) }
```

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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