

Converting Colors

CIELCh(74, 25.598, 176.702)

Have a look what the booklet for
CIELCh(74, 25.598, 176.702)
contains.

CIELCh(74, 25.636, 176.314)	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(74, 25.636, 176.314)

Conversions

Conversions Part 1

Format	Color
Hex	7EC3B2
RGB	126, 195, 178
RGB Percent	49%, 76%, 70%
CMY	0.5057, 0.2351, 0.3018
CMYK	0.35, 0.00, 0.09, 0.24
HSL	165°, 37%, 63%
HSV	165°, 35%, 76%
XYZ	36.1748, 46.7039, 49.2495
YIQ	172.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

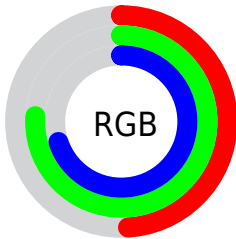
Format	Color
RYB	126, 165, 195
Decimal	8307634
CIELab	74.00, -25.58, 1.65
CIElCh	74, 25.636, 176.314
Yxy	46.7039, 0.2738, 0.3535
Android (android.graphics.Color)	4286497714 (0xFF7EC3B2)
YUV	172.4310, 2.7455, -40.7200
Hunter-Lab	68.3403, -25.1094, 5.1108

Details

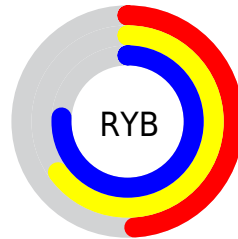
The CIELCh color **74, 25.636, 176.314** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 29.124, 3.927**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.636, 176.520**, and **54, 25.738, 175.810** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.990, 175.147**, and if you desaturate by 10%, it is **75, 18.785, 177.389**.

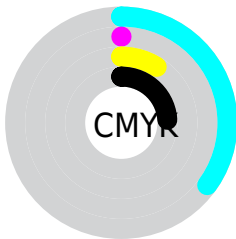
Distribution



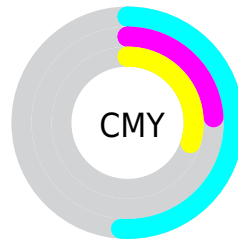
- Red (49%)
- Green (76%)
- Blue (70%)



- Red (49%)
- Yellow (65%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (51%)
- Magenta (24%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 25.636, 176.314 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 74, 25.636, 176.314 by changing the saturation by 10% instead.


 74, 25.636,
176.314


 74, 25.636,
176.314


 100, 25.636,
176.314


 64, 25.636,
176.314


 94, 25.636,
176.314

 54, 25.636,
176.314

 44, 25.636,
176.314

 34, 25.636,
176.314

 24, 25.636,
176.314

 14, 25.636,
176.314

 4, 25.636, 176.314

0, 25.636, 176.314

74, 25.636,
176.314

74, 25.636,
176.314

73, 31.990,
175.147

75, 18.785,
177.389

72, 37.722,
173.872

76, 11.561,
178.402

72, 42.724,
172.464

78, 4.084, 179.415

71, 46.925,
170.898

80, 3.542, 0.045

71, 50.306,
169.154

81, 11.231, 0.982

70, 52.920,
167.225

85, 23.849, 0.036

■ 70, 53.991,
166.318

■ 85, 24.703,
354.502

■ 85, 25.785,
349.404

Harmonies

Complementary

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



74, 25.636, 176.314



60, 29.124, 3.927

Rectangle

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



74, 25.636, 176.314



74, 25.636, 226.314



74, 25.636, 356.314



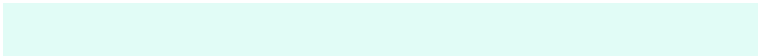
74, 25.636, 46.314

Sweetspot

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



74, 25.637, 176.312



97, 10.248, 178.818



74, 41.920, 135.489



52, 6.931, 178.682



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, 25.637, 176.312



92, 36.807, 175.474



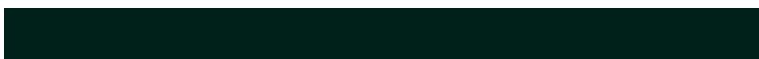
70, 19.060, 228.222



40, 4.269, 178.998



59, 46.550, 166.636



10, 14.931, 172.128

Inverse Universe

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



60, 29.124, 3.927



73, 43.005, 5.168



64, 24.150, 44.308



38, 4.408, 0.600



33, 63.598, 25.110



3, 14.425, 6.205

Previews

White Background



This preview shows how the CIE LCh color 74, 25.636, 176.314 looks on a white background.

Color Contrast Check

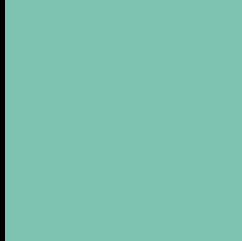
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 25.636, 176.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

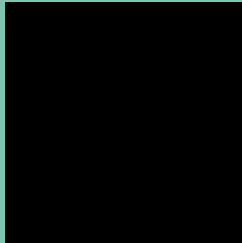
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.636, 176.314

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.636, 176.314.

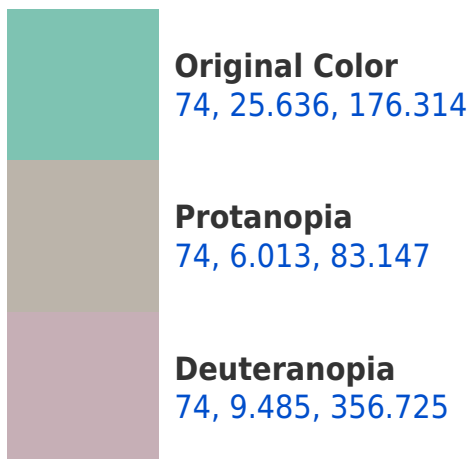


This preview shows how white text looks on a background with the CIELCh color 74, 25.636, 176.314.

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
74, 20.175, 222.049

Trichromacy



Original Color
74, 25.636, 176.314



Protanomaly
73, 9.939, 157.839



Deuteranomaly
73, 3.727, 190.864

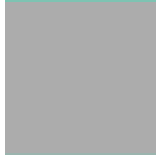


Tritanomaly
74, 20.542, 203.989

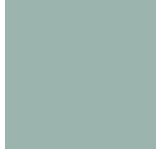
Monochromacy



Original Color
74, 25.636, 176.314



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 9.766, 179.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.636, 176.314 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(126, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(126, 195, 178)  
}
```

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(126, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 195, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.636, 176.314 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(126, 195, 178) }
```

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

```
.border{ border-color:rgb(126, 195, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(126, 195,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.636, 176.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 195, 178) }
```

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

```
.background{ background-color: rgb(126,  
195, 178) }
```

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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