

Converting Colors

CIELCh(74, 32.508, 175.107)

Have a look what the booklet for
CIELCh(74, 32.508, 175.107)
contains.

CIELCh(74, 32.378, 175.283)	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, 32.378, 175.283)

Conversions

Conversions Part 1

Format	Color
Hex	6CC6B0
RGB	108, 198, 176
RGB Percent	42%, 78%, 69%
CMY	0.5765, 0.2236, 0.3098
CMYK	0.45, 0.00, 0.11, 0.22
HSL	165°, 44%, 60%
HSV	165°, 45%, 78%
XYZ	34.2092, 46.7039, 48.2796
YIQ	168.5820, -46.5780, -25.9220

Conversions

Conversions Part 2

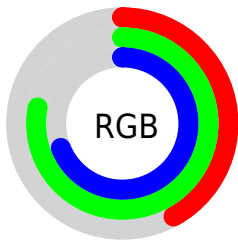
Format	Color
RYB	108, 159, 198
Decimal	7128752
CIELab	74.00, -32.27, 2.66
CIELCh	74, 32.378, 175.283
Yxy	46.7039, 0.2648, 0.3615
Android (android.graphics.Color)	4285318832 (0xFF6CC6B0)
YUV	168.5820, 3.6571, -53.1304
Hunter-Lab	68.3403, -30.2434, 5.9523

Details

The CIELCh color **74, 32.378, 175.283** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 38.290, 5.853**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.220, 175.736**, and **54, 32.367, 175.381** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.157, 174.007**, and if you desaturate by 10%, it is **75, 25.967, 176.446**.

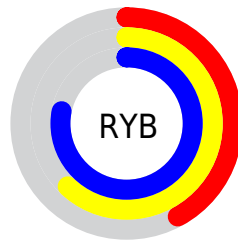
Distribution



Red (42%)

Green (78%)

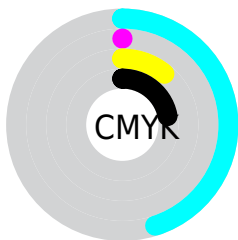
Blue (69%)



Red (42%)

Yellow (62%)

Blue (78%)

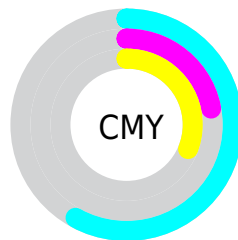


Cyan (45%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.378, 175.283 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, 32.378, 175.283 by changing the saturation by 10% instead.


 74, 32.378,
175.283

 74, 32.378,
175.283


 100, 32.378,
175.283


 64, 32.378,
175.283


 94, 32.378,
175.283

 54, 32.378,
175.283

 44, 32.378,
175.283

 34, 32.378,
175.283

 24, 32.378,
175.283

 14, 32.378,
175.283

 4, 32.378, 175.283

■ 0, 32.378, 175.283

■ 74, 32.378,
175.283

■ 74, 32.378,
175.283

■ 73, 38.157,
174.007

■ 75, 25.967,
176.446

■ 72, 43.194,
172.600

■ 76, 19.048,
177.524

■ 72, 47.417,
171.035

■ 78, 11.749,
178.537

■ 72, 50.810,
169.292

■ 79, 4.191, 179.549

■ 71, 53.426,
167.364

■ 81, 3.521, 0.178

■ 82, 11.298, 1.119

■ 71, 54.479,
166.473

■ 84, 19.069, 1.944

■ 85, 22.772,
358.771

■ 85, 23.698,
353.019

Harmonies

Complementary

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



74, 32.378, 175.283



56, 38.290, 5.853

Rectangle

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



74, 32.378, 175.283



74, 32.378, 225.283



74, 32.378, 355.283



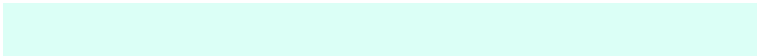
74, 32.378, 45.283

Sweetspot

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



74, 32.379, 175.281



97, 13.089, 178.660



74, 54.127, 134.873



52, 9.011, 178.443



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, 32.379, 175.281



92, 46.406, 173.958



68, 23.801, 229.641



41, 4.357, 179.139



60, 46.995, 166.784



11, 15.872, 171.987

Inverse Universe

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



56, 38.290, 5.853



66, 57.036, 8.134



61, 32.723, 44.281



39, 4.500, 0.746



34, 64.448, 25.351



4, 16.316, 6.949

Previews

White Background



This preview shows how the CIELCh color 74, 32.378, 175.283 looks on a white background.

Color Contrast Check

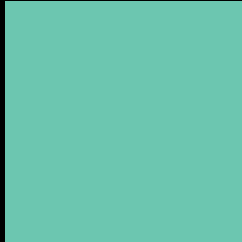
Large Text (above 18pt) WCAG AA × Fail

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, 32.378, 175.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

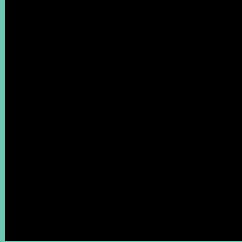
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

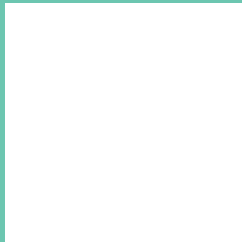
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.378, 175.283

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.378, 175.283.

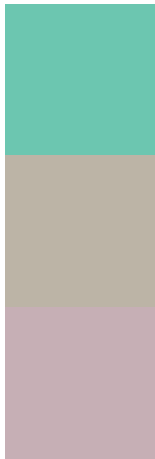


This preview shows how white text looks on a background with the CIELCh color 74, 32.378, 175.283.

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](#).

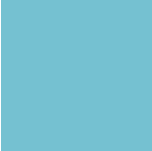
Dichromacy



Original Color
74, 32.378, 175.283

Protanopia
74, 8.154, 87.134

Deuteranopia
74, 9.296, 359.797



Tritanopia
74, 24.742, 218.477

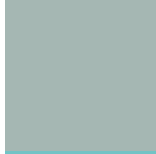
Trichromacy



Original Color
74, 32.378, 175.283



Protanomaly
73, 13.975, 157.156



Deuteranomaly
73, 6.979, 180.758

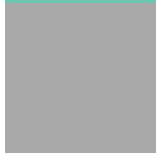


Tritanomaly
74, 25.754, 199.926

Monochromacy



Original Color
74, 32.378, 175.283



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 12.832, 178.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.378, 175.283 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(108, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(108, 198, 176)  
}
```

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(108, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 198, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.378, 175.283 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(108, 198, 176) }
```

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

```
.border{ border-color:rgb(108, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(108, 198,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.378, 175.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 198, 176) }
```

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

```
.background{ background-color: rgb(108,  
198, 176) }
```

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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