

Converting Colors

CIELCh(74, 25.417, 197.607)

Have a look what the booklet for
CIELCh(74, 25.417, 197.607)
contains.

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Color

CIELCh(74, 25.394, 197.505)

Conversions

Conversions Part 1

Format	Color
Hex	74C3C3
RGB	116, 195, 195
RGB Percent	45%, 76%, 76%
CMY	0.5449, 0.2351, 0.2351
CMYK	0.41, 0.00, 0.00, 0.24
HSL	180°, 40%, 61%
HSV	180°, 41%, 76%
XYZ	36.5852, 46.7039, 58.7379
YIQ	171.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

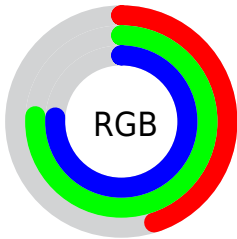
Format	Color
R _Y B	116, 156, 195
Decimal	7652291
CIE Lab	74.00, -24.22, -7.64
CIE LCh	74, 25.394, 197.505
Yxy	46.7039, 0.2576, 0.3288
Android (android.graphics.Color)	4285842371 (0xFF74C3C3)
YUV	171.3790, 11.6452, -48.5674
Hunter-Lab	68.3403, -24.0376, -3.1211

Details

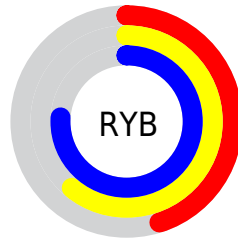
The CIELCh color **74, 25.394, 197.505** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 33.793, 23.353**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.406, 197.837**, and **54, 25.448, 196.999** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.089, 197.158**, and if you desaturate by 10%, it is **75, 19.964, 197.909**.

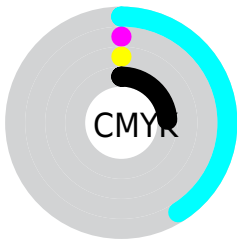
Distribution



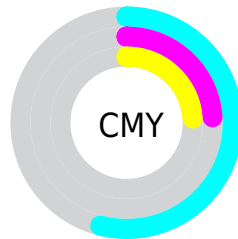
- Red (45%)
- Green (76%)
- Blue (76%)



- Red (45%)
- Yellow (61%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (54%)
- Magenta (24%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 25.394, 197.505 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, 25.394, 197.505 by changing the saturation by 10% instead.

 74, 25.394,
197.505

 74, 25.394,
197.505


 100, 25.394,
197.505


 64, 25.394,
197.505


 94, 25.394,
197.505

 54, 25.394,
197.505

 44, 25.394,
197.505

 34, 25.394,
197.505

 24, 25.394,
197.505

 14, 25.394,
197.505

 4, 25.394, 197.505

0, 25.394, 197.505

74, 25.394,
197.505

74, 25.394,
197.505

73, 30.089,
197.158

75, 19.964,
197.909

73, 33.962,
196.878

76, 13.906,
198.374

72, 36.959,
196.665

77, 7.334, 198.910

79, 0.359, 200.883

72, 39.071,
196.515

80, 6.915, 19.867

72, 40.343,
196.426

82, 14.397, 20.502

72, 40.961,
196.382

84, 22.012, 21.125

■ 84, 22.968, 21.203

■ 84, 22.968, 21.202

Harmonies

Complementary

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



74, 25.394, 197.505



57, 33.793, 23.353

Rectangle

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



74, 25.394, 197.505



74, 25.394, 247.505



74, 25.394, 17.505



74, 25.394, 67.505

Sweetspot

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



74, 25.394, 197.502



97, 10.285, 198.813



72, 51.409, 141.015



52, 6.853, 198.738



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, 25.394, 197.502



92, 36.143, 197.182



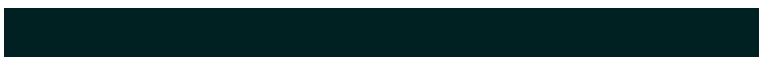
63, 24.405, 260.494



40, 3.949, 198.978



60, 35.476, 196.382



11, 12.444, 196.389

Inverse Universe

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



57, 33.793, 23.353



68, 51.863, 25.031



67, 27.725, 68.685



38, 4.188, 19.918



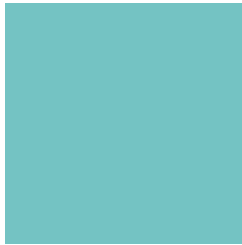
33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 25.394, 197.505 looks on a white background.

Color Contrast Check

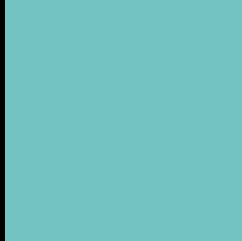
Large Text (above 18pt) WCAG AA × Fail

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, 25.394, 197.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

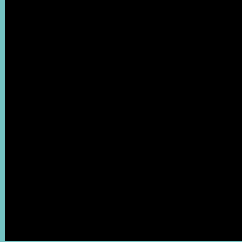
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

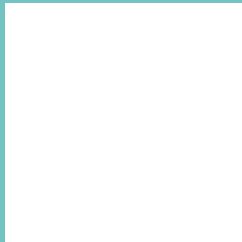
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 25.394, 197.505

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.394, 197.505.

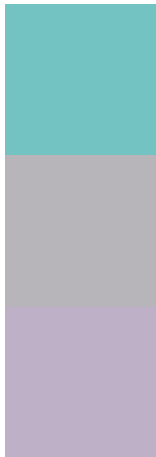


This preview shows how white text looks on a background with the CIELCh color 74, 25.394, 197.505.

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, 25.394, 197.505

Protanopia
74, 3.455, 309.175

Deuteranopia
74, 13.532, 313.245



Tritanopia
74, 24.032, 219.161

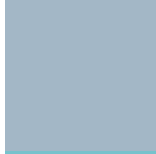
Trichromacy



Original Color
74, 25.394, 197.505



Protanomaly
73, 9.418, 212.121

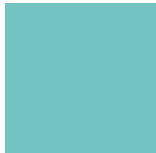


Deuteranomaly
73, 10.569, 249.605

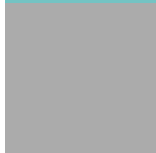


Tritanomaly
74, 24.088, 210.819

Monochromacy



Original Color
74, 25.394, 197.505



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.378, 198.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.394, 197.505 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(116, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(116, 195, 195)  
}
```

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(116, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.394, 197.505 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(116, 195, 195) }
```

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

```
.border{ border-color:rgb(116, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(116, 195,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.394, 197.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 195, 195) }
```

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

```
.background{ background-color: rgb(116,  
195, 195) }
```

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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