

Converting Colors

CIELCh(74, 25.654, 197.486)

Have a look what the booklet for
CIELCh(74, 25.654, 197.486)
contains.

CIELCh(74, 25.654, 197.486)	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, 25.654, 197.486)

Conversions

Conversions Part 1

Format	Color
Hex	73C3C3
RGB	115, 195, 195
RGB Percent	45%, 76%, 76%
CMY	0.5484, 0.2347, 0.2347
CMYK	0.41, 0.00, 0.00, 0.23
HSL	180°, 40%, 61%
HSV	180°, 41%, 77%
XYZ	36.5096, 46.7039, 58.8138
YIQ	171.0800, -47.6800, -16.9600

Conversions

Conversions Part 2

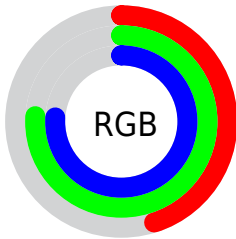
Format	Color
RYB	115, 155, 195
Decimal	7586755
CIELab	74.00, -24.47, -7.71
CIELCh	74, 25.654, 197.486
Yxy	46.7039, 0.2571, 0.3288
Android (android.graphics.Color)	4285776835 (0xFF73C3C3)
YUV	171.0800, 11.7926, -49.1822
Hunter-Lab	68.3403, -24.2350, -3.1869

Details

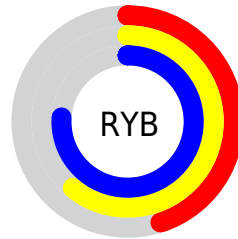
The CIELCh color **74, 25.654, 197.486** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 34.273, 23.432**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.682, 197.820**, and **54, 25.655, 196.980** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.313, 197.142**, and if you desaturate by 10%, it is **75, 20.255, 197.887**.

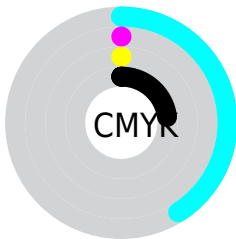
Distribution



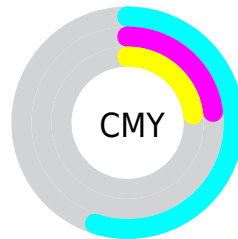
- Red (45%)
- Green (76%)
- Blue (76%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.654, 197.486 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, 25.654, 197.486 by changing the saturation by 10% instead.

 74, 25.654,
197.486

 74, 25.654,
197.486

 100, 25.654,
197.486


 64, 25.654,
197.486

 94, 25.654,
197.486

 54, 25.654,
197.486

 44, 25.654,
197.486

 34, 25.654,
197.486

 24, 25.654,
197.486

 14, 25.654,
197.486

 4, 25.654, 197.486

0, 25.654, 197.486

74, 25.654,
197.486

74, 25.654,
197.486

73, 30.313,
197.142

75, 20.255,
197.887

73, 34.146,
196.866

76, 14.222,
198.350

72, 37.101,
196.655

77, 7.669, 198.881

79, 0.708, 200.113

72, 39.171,
196.509

80, 6.557, 19.834

72, 40.405,
196.422

82, 14.035, 20.471

72, 40.980,
196.381

84, 21.650, 21.094

■ 84, 22.917, 21.197

■ 84, 22.917, 21.196

Harmonies

Complementary

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



74, 25.654, 197.486



57, 34.273, 23.432

Rectangle

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



74, 25.654, 197.486



74, 25.654, 247.486



74, 25.654, 17.486



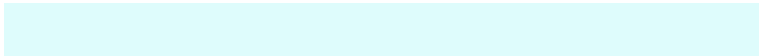
74, 25.654, 67.486

Sweetspot

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



74, 25.654, 197.483



97, 10.285, 198.812



72, 52.029, 140.968



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, 25.654, 197.483



92, 36.143, 197.181



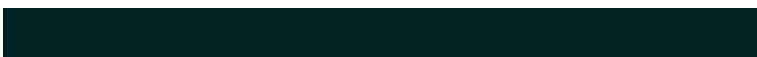
63, 24.699, 260.611



40, 3.949, 198.978



60, 35.476, 196.381



11, 12.444, 196.388

Inverse Universe

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



57, 34.273, 23.432



68, 51.862, 25.030



66, 28.108, 68.625



38, 4.187, 19.917



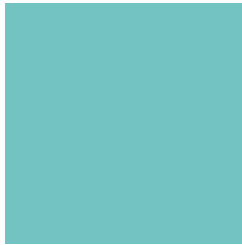
33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 25.654, 197.486 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, 25.654, 197.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

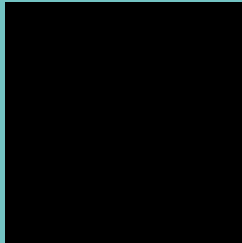
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

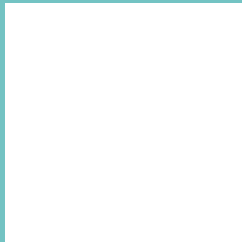
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 25.654, 197.486

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.654, 197.486.

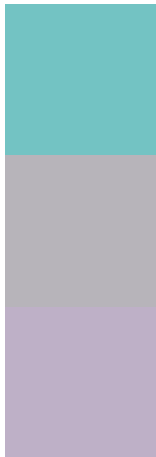


This preview shows how white text looks on a background with the CIELCh color 74, 25.654, 197.486.

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, 25.654, 197.486

Protanopia

74, 3.455, 309.175

Deuteranopia

74, 13.532, 313.245



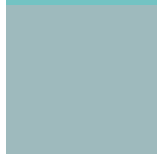
Tritanopia
74, 24.270, 218.927

Trichromacy



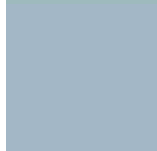
Original Color

74, 25.654, 197.486



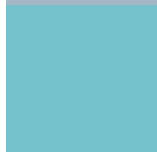
Protanomaly

74, 10.007, 208.079



Deuteranomaly

73, 10.569, 249.605



Tritanomaly

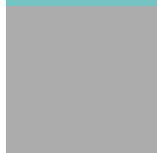
74, 24.338, 210.665

Monochromacy



Original Color

74, 25.654, 197.486



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, 25.654, 197.486 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(115, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.654, 197.486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

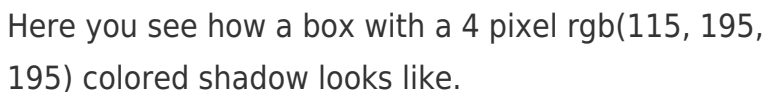
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 195, 195) }
```

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

```
.border{ border-color:rgb(115, 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(115, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 195, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 195, 195); box-shadow:4px 4px 4px 4px rgb(115, 195, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.654, 197.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 195) }
```

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

```
.background{ background-color: rgb(115,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor