

Converting Colors

CIELCh(74, 25.455, 202.758)

Have a look what the booklet for
CIELCh(74, 25.455, 202.758)
contains.

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Color

CIELCh(74, 25.388, 202.478)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73C3C7 |
| RGB | 115, 195, 199 |
| RGB Percent | 45%, 76%, 78% |
| CMY | 0.5497, 0.2359, 0.2203 |
| CMYK | 0.42, 0.02, 0.00, 0.22 |
| HSL | 183°, 43%, 62% |
| HSV | 183°, 42%, 78% |
| XYZ | 36.8146, 46.7039, 61.0051 |
| YIQ | 171.5360, -48.9640, -15.7160 |

Conversions

Conversions Part 2

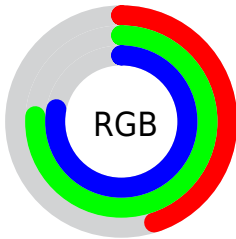
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 115, 156, 199 |
| Decimal | 7586759 |
| CIE _{Lab} | 74.00, -23.46, -9.71 |
| CIE _{LCh} | 74, 25.388, 202.478 |
| Yxy | 46.7039, 0.2547, 0.3232 |
| Android (android.graphics.Color) | 4285776839 (0xFF73C3C7) |
| YUV | 171.5360, 13.5398, -49.5821 |
| Hunter-Lab | 68.3403, -23.4383, -5.0880 |

Details

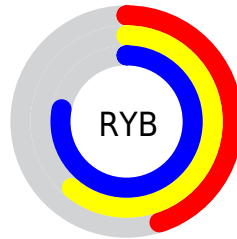
The CIELCh color **74, 25.388, 202.478** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 34.593, 26.932**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.519, 201.346**, and **54, 25.466, 202.298** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.762, 202.449**, and if you desaturate by 10%, it is **75, 20.272, 202.613**.

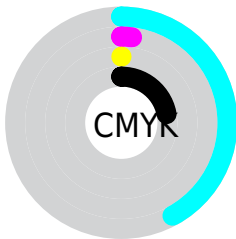
Distribution



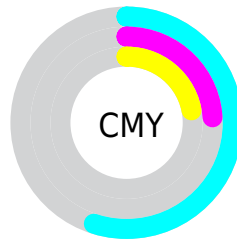
- Red (45%)
- Green (76%)
- Blue (78%)



- Red (45%)
- Yellow (61%)
- Blue (78%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)





- Cyan (55%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.388, 202.478 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, 25.388, 202.478 by changing the saturation by 10% instead.


 74, 25.388,
202.478

 74, 25.388,
202.478


 100, 25.388,
202.478


 64, 25.388,
202.478


 94, 25.388,
202.478

 54, 25.388,
202.478

 44, 25.388,
202.478

 34, 25.388,
202.478

 24, 25.388,
202.478

 14, 25.388,
202.478

 4, 25.388, 202.478

0, 25.388, 202.478

74, 25.388,
202.478

74, 25.388,
202.478

73, 29.762,
202.449

75, 20.272,
202.613

72, 33.307,
202.551

77, 14.519,
202.849

71, 35.969,
202.795

78, 8.242, 203.180

80, 1.550, 203.834

71, 37.741,
203.197

82, 5.458, 23.789

70, 38.674,
203.765

84, 12.694, 24.297

70, 38.980,
204.298

86, 20.083, 24.791

■ 86, 20.157, 26.160

■ 86, 19.861, 27.616

Harmonies

Complementary

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



74, 25.388, 202.478



59, 34.593, 26.932

Rectangle

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



74, 25.388, 202.478



74, 25.388, 252.478



74, 25.388, 22.478



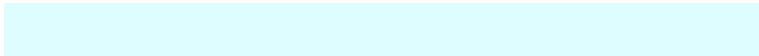
74, 25.388, 72.478

Sweetspot

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



74, 25.388, 202.475



97, 10.679, 203.144



73, 53.443, 142.060



52, 7.424, 203.063



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, 25.388, 202.475



91, 35.656, 202.448



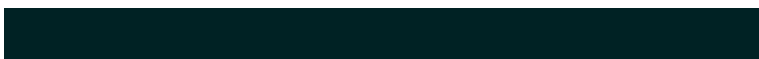
62, 27.350, 266.412



41, 3.847, 203.298



58, 33.694, 204.178



11, 12.348, 202.365

Inverse Universe

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



60, 52.791, 328.065



71, 76.566, 328.543



68, 30.079, 73.498



39, 7.147, 326.240



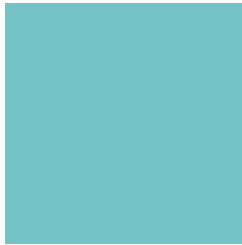
38, 79.757, 330.200



4, 25.676, 328.615

Previews

White Background



This preview shows how the CIELCh color 74, 25.388, 202.478 looks on a white background.

Color Contrast Check

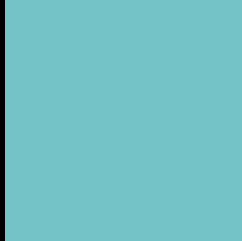
Large Text (above 18pt) WCAG AA × Fail

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, 25.388, 202.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

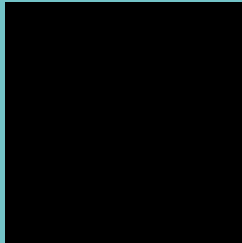
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

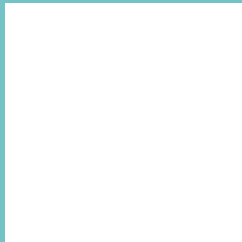
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 25.388, 202.478

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.388, 202.478.

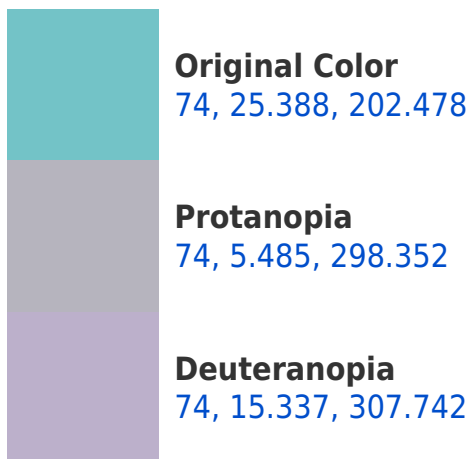


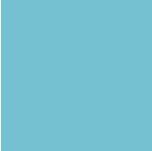
This preview shows how white text looks on a background with the CIELCh color 74, 25.388, 202.478.

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, 24.506, 218.699

Trichromacy



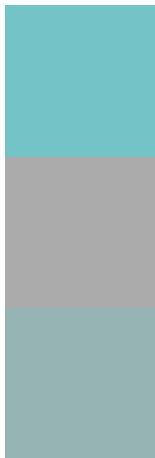
Original Color
74, 25.388, 202.478

Protanomaly
73, 10.302, 223.778

Deuteranomaly
73, 12.189, 252.533

Tritanomaly
74, 24.623, 211.817

Monochromacy



Original Color
74, 25.388, 202.478

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.352, 201.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.388, 202.478 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.388, 202.478 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, 199) }
```

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

```
.border{ border-color:rgb(115, 195, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(115, 195,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.388, 202.478 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, 199) }
```

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

```
.background{ background-color: rgb(115,  
195, 199) }
```

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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