

Converting Colors

CIELCh(75, 25.678, 197.849)

Have a look what the booklet for
CIELCh(75, 25.678, 197.849)
contains.

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Color

CIELCh(75, 25.651, 197.507)

Conversions

Conversions Part 1

Format	Color
Hex	76C6C6
RGB	118, 198, 198
RGB Percent	46%, 78%, 78%
CMY	0.5375, 0.2238, 0.2238
CMYK	0.40, 0.00, 0.00, 0.22
HSL	180°, 41%, 62%
HSV	180°, 40%, 78%
XYZ	37.8257, 48.2781, 60.7103
YIQ	174.0800, -47.6800, -16.9600

Conversions

Conversions Part 2

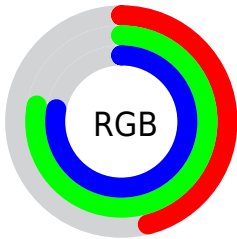
Format	Color
RYB	118, 158, 198
Decimal	7784134
CIELab	75.00, -24.46, -7.72
CIELCh	75, 25.651, 197.507
Yxy	48.2781, 0.2576, 0.3288
Android (android.graphics.Color)	4285974214 (0xFF76C6C6)
YUV	174.0800, 11.7926, -49.1822
Hunter-Lab	69.4824, -24.4202, -3.1669

Details

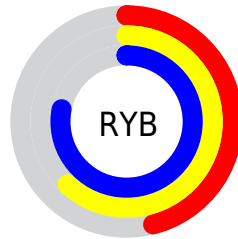
The CIELCh color **75, 25.651, 197.507** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 34.122, 23.346**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **55, 25.722, 197.010** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.406, 197.159**, and if you desaturate by 10%, it is **76, 20.152, 197.911**.

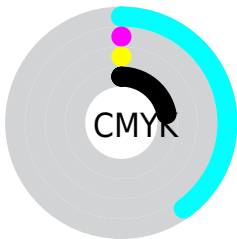
Distribution



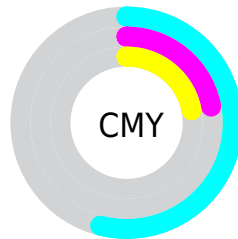
- Red (46%)
- Green (78%)
- Blue (78%)



- Red (46%)
- Yellow (62%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (54%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 25.651, 197.507 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 75, 25.651, 197.507 by changing the saturation by 10% instead.


 75, 25.651,
197.507


 75, 25.651,
197.507


 100, 25.651,
197.507


 65, 25.651,
197.507


 95, 25.651,
197.507

 55, 25.651,
197.507

 45, 25.651,
197.507

 35, 25.651,
197.507

 25, 25.651,
197.507

 15, 25.651,
197.507

 5, 25.651, 197.507

■ 0, 25.651, 197.507

■ 75, 25.651,
197.507

■ 75, 25.651,
197.507

■ 74, 30.406,
197.159

■ 76, 20.152,
197.911

■ 74, 34.328,
196.879

■ 77, 14.018,
198.378

■ 73, 37.363,
196.665

■ 78, 7.363, 198.915

■ 73, 39.502,
196.516

■ 80, 0.301, 201.198

■ 81, 7.063, 19.874

■ 73, 40.790,
196.426

■ 83, 14.637, 20.509

■ 73, 41.414,
196.382

■ 85, 21.762, 21.086

■ 85, 21.762, 21.085

■ 85, 21.762, 21.084

Harmonies

Complementary

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



75, 25.651, 197.507



58, 34.122, 23.346

Rectangle

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



75, 25.651, 197.507



75, 25.651, 247.507



75, 25.651, 17.507



75, 25.651, 67.507

Sweetspot

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



75, 25.651, 197.504



98, 10.369, 198.813



73, 51.920, 141.020



52, 6.853, 198.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 25.651, 197.504



93, 36.434, 197.181



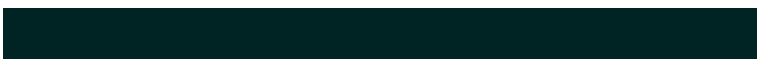
64, 24.648, 260.483



41, 4.034, 198.977



61, 35.889, 196.383



12, 12.984, 196.383

Inverse Universe

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



58, 34.122, 23.346



69, 52.291, 25.036



67, 27.997, 68.691



39, 4.279, 19.921



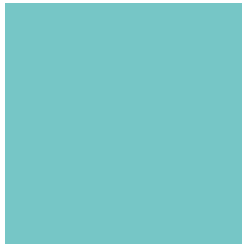
34, 74.643, 39.775



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIE LCh color 75, 25.651, 197.507 looks on a white background.

Color Contrast Check

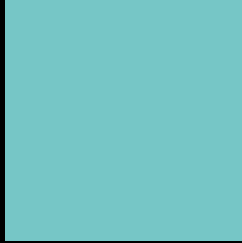
Large Text (above 18pt) WCAG AA × Fail

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 75, 25.651, 197.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

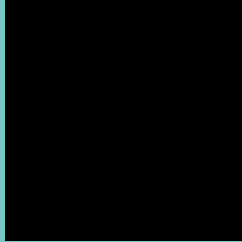
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

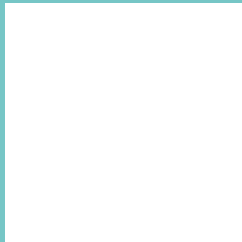
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 25.651, 197.507

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.651, 197.507.

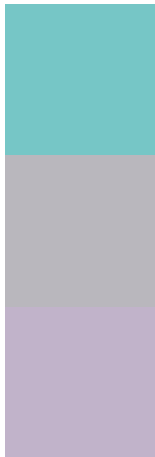


This preview shows how white text looks on a background with the CIELCh color 75, 25.651, 197.507.

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

75, 25.651, 197.507

Protanopia

75, 3.341, 303.200

Deuteranopia

75, 13.491, 313.238



Tritanopia
75, 24.271, 218.875

Trichromacy



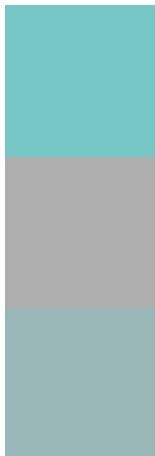
Original Color
75, 25.651, 197.507

Protanomaly
74, 9.727, 211.635

Deuteranomaly
74, 10.542, 249.568

Tritanomaly
75, 24.340, 210.642

Monochromacy



Original Color
75, 25.651, 197.507

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.354, 198.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.651, 197.507 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(118, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(118, 198, 198)  
}
```

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(118, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.651, 197.507 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(118, 198, 198) }
```

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

```
.border{ border-color:rgb(118, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(118, 198,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.651, 197.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 198, 198) }
```

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

```
.background{ background-color: rgb(118,  
198, 198) }
```

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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