

Converting Colors

CIELCh(75, 26.278, 194.781)

Have a look what the booklet for
CIELCh(75, 26.278, 194.781)
contains.

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Color

CIELCh(75, 26.107, 195.070)

Conversions

Conversions Part 1

Format	Color
Hex	75C6C4
RGB	117, 198, 196
RGB Percent	46%, 78%, 77%
CMY	0.5403, 0.2227, 0.2305
CMYK	0.41, 0.00, 0.01, 0.22
HSL	179°, 42%, 62%
HSV	179°, 41%, 78%
XYZ	37.5959, 48.2781, 59.6886
YIQ	173.5530, -47.6340, -17.7940

Conversions

Conversions Part 2

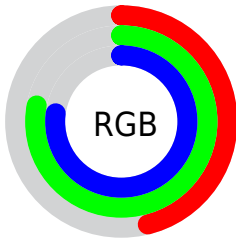
Format	Color
R_{YB}	117, 158, 198
Decimal	7718596
CIE _{Lab}	75.00, -25.21, -6.79
CIE _{LCh}	75, 26.107, 195.070
Yxy	48.2781, 0.2583, 0.3317
Android (android.graphics.Color)	4285908676 (0xFF75C6C4)
YUV	173.5530, 11.0664, -49.5970
Hunter-Lab	69.4824, -25.0105, -2.2951

Details

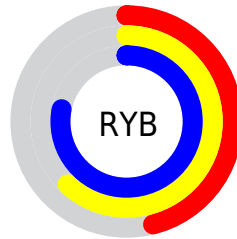
The CIELCh color **75, 26.107, 195.070** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 34.384, 21.596**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.095, 195.525**, and **55, 26.195, 194.410** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.924, 194.586**, and if you desaturate by 10%, it is **76, 20.556, 195.588**.

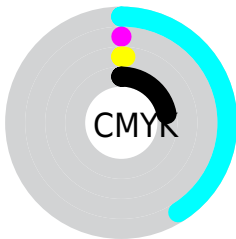
Distribution



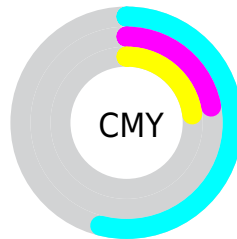
- Red (46%)
- Green (78%)
- Blue (77%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)





- Cyan (54%)
- Magenta (22%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.107, 195.070 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, 26.107, 195.070 by changing the saturation by 10% instead.


 75, 26.107,
195.070


 75, 26.107,
195.070


 100, 26.107,
195.070


 65, 26.107,
195.070


 95, 26.107,
195.070

 55, 26.107,
195.070

 45, 26.107,
195.070

 35, 26.107,
195.070

 25, 26.107,
195.070

 15, 26.107,
195.070

 5, 26.107, 195.070

0, 26.107, 195.070

75, 26.107,
195.070

75, 26.107,
195.070

74, 30.924,
194.586

76, 20.556,
195.588

74, 34.915,
194.141

77, 14.381,
196.147

73, 38.021,
193.728

78, 7.699, 196.759

73, 40.229,
193.342

80, 0.625, 198.165

73, 41.586,
192.973

81, 6.736, 17.837

72, 42.260,
192.642

83, 14.293, 18.520

85, 21.593, 19.117

■ 85, 21.581, 18.443

■ 85, 21.572, 17.767

Harmonies

Complementary

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



75, 26.107, 195.070



58, 34.384, 21.596

Rectangle

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



75, 26.107, 195.070



75, 26.107, 245.070



75, 26.107, 15.070



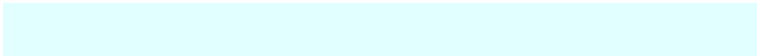
75, 26.107, 65.070

Sweetspot

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



75, 26.107, 195.068



98, 10.398, 196.674



73, 52.266, 140.609



52, 6.874, 196.590



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, 26.107, 195.068



93, 36.771, 194.638



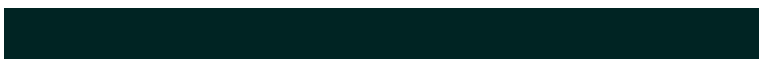
64, 24.501, 258.635



41, 4.044, 196.858



61, 36.573, 192.694



12, 13.173, 193.495

Inverse Universe

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



58, 34.384, 21.596



69, 51.874, 23.263



67, 28.232, 66.910



39, 4.278, 17.919



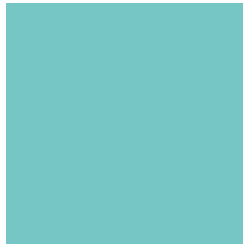
34, 73.650, 38.774



3, 15.893, 18.121

Previews

White Background



This preview shows how the CIELCh color 75, 26.107, 195.070 looks on a white background.

Color Contrast Check

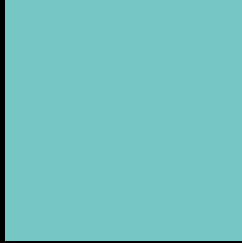
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.107, 195.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

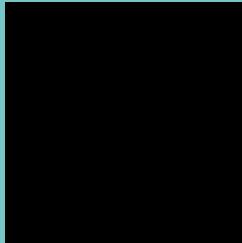
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

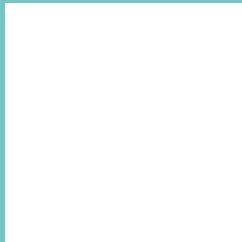
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 26.107, 195.070

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.107, 195.070.

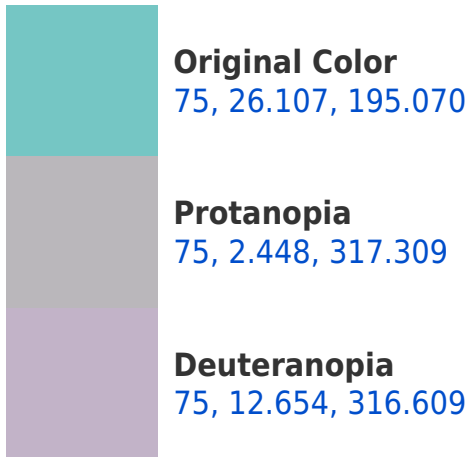


This preview shows how white text looks on a background with the CIELCh color 75, 26.107, 195.070.

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](#).

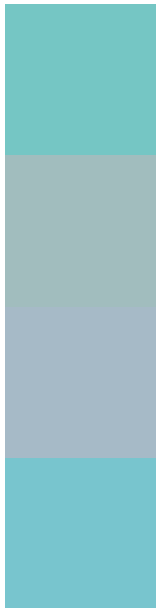
Dichromacy





Tritanopia
75, 24.271, 218.875

Trichromacy



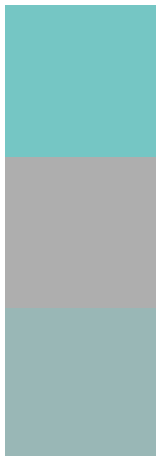
Original Color
75, 26.107, 195.070

Protanomaly
75, 9.943, 201.809

Deuteranomaly
74, 9.784, 245.149

Tritanomaly
75, 24.565, 209.192

Monochromacy



Original Color
75, 26.107, 195.070

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.747, 195.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.107, 195.070 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(117, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(117, 198, 196)  
}
```

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(117, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 198, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.107, 195.070 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(117, 198, 196) }
```

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

```
.border{ border-color:rgb(117, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(117, 198,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.107, 195.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 198, 196) }
```

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

```
.background{ background-color: rgb(117,  
198, 196) }
```

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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