

Converting Colors

CIELCh(75, 27.767, 197.706)

Have a look what the booklet for
CIELCh(75, 27.767, 197.706)
contains.

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Color

CIELCh(75, 27.914, 197.350)

Conversions

Conversions Part 1

Format	Color
Hex	6EC7C7
RGB	110, 199, 199
RGB Percent	43%, 78%, 78%
CMY	0.5687, 0.2196, 0.2197
CMYK	0.45, 0.00, 0.00, 0.22
HSL	180°, 44%, 61%
HSV	180°, 45%, 78%
XYZ	37.1568, 48.2781, 61.3852
YIQ	172.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

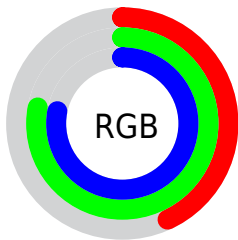
Format	Color
R_{YB}	110, 155, 199
Decimal	7260103
CIE _{Lab}	75.00, -26.64, -8.32
CIE _{LCh}	75, 27.914, 197.350
Yxy	48.2781, 0.2531, 0.3288
Android (android.graphics.Color)	4285450183 (0xFF6EC7C7)
YUV	172.3890, 13.1192, -54.7152
Hunter-Lab	69.4824, -26.1388, -3.7428

Details

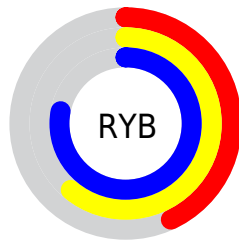
The CIELCh color **75, 27.914, 197.350** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 38.452, 24.079**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **55, 28.046, 196.814** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.337, 197.030**, and if you desaturate by 10%, it is **76, 22.702, 197.728**.

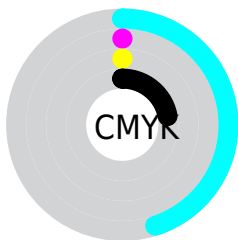
Distribution



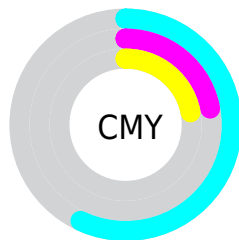
- Red (43%)
- Green (78%)
- Blue (78%)



- Red (43%)
- Yellow (61%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 27.914, 197.350 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, 27.914, 197.350 by changing the saturation by 10% instead.


 75, 27.914,
197.350

 75, 27.914,
197.350


 100, 27.914,
197.350


 65, 27.914,
197.350


 95, 27.914,
197.350

 55, 27.914,
197.350

 45, 27.914,
197.350

 35, 27.914,
197.350

 25, 27.914,
197.350

 15, 27.914,
197.350

 5, 27.914, 197.350

■ 0, 27.914, 197.350

■ 75, 27.914,
197.350

■ 75, 27.914,
197.350

■ 74, 32.337,
197.030

■ 76, 22.702,
197.728

■ 74, 35.895,
196.779

■ 77, 16.802,
198.169

■ 73, 38.552,
196.593

■ 78, 10.330,
198.672

■ 73, 40.319,
196.470

■ 80, 3.400, 199.305

■ 73, 41.274,
196.404

■ 81, 3.877, 19.561

■ 73, 41.579,
196.383

■ 83, 11.404, 20.240

■ 85, 19.096, 20.864

■ 85, 21.326, 21.043

■ 85, 21.326, 21.043

Harmonies

Complementary

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



75, 27.914, 197.350



57, 38.452, 24.079

Rectangle

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



75, 27.914, 197.350



75, 27.914, 247.350



75, 27.914, 17.350



75, 27.914, 67.350

Sweetspot

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



75, 27.914, 197.348



98, 11.202, 198.756



73, 57.411, 140.593



52, 7.789, 198.634



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, 27.914, 197.348



93, 39.009, 197.028



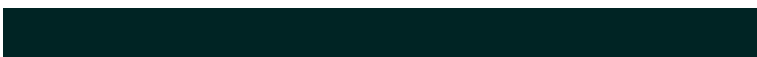
63, 27.268, 261.549



41, 4.034, 198.977



61, 35.889, 196.383



12, 12.984, 196.384

Inverse Universe

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



57, 38.452, 24.079



66, 58.402, 26.146



67, 31.447, 68.163



39, 4.279, 19.921



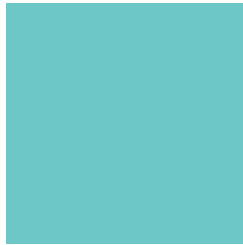
34, 74.644, 39.775



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIELCh color 75, 27.914, 197.350 looks on a white background.

Color Contrast Check

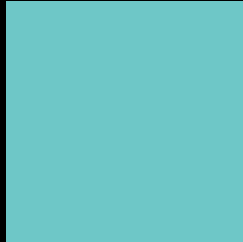
Large Text (above 18pt) WCAG AA × Fail

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, 27.914, 197.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

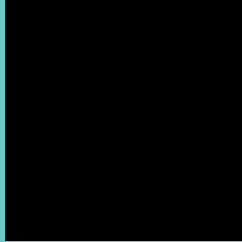
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

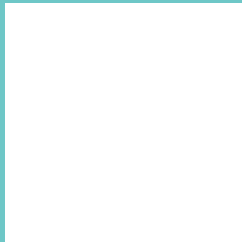
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 27.914, 197.350

Background



This preview shows how black text looks on a background with the CIELCh color 75, 27.914, 197.350.

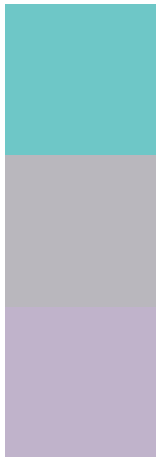


This preview shows how white text looks on a background with the CIELCh color 75, 27.914, 197.350.

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, 27.914, 197.350

Protanopia

75, 3.341, 303.200

Deuteranopia

75, 13.865, 311.015



Tritanopia
75, 26.366, 216.989

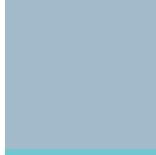
Trichromacy



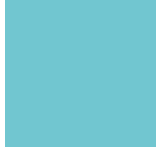
Original Color
75, 27.914, 197.350



Protanomaly
75, 11.031, 209.983



Deuteranomaly
74, 11.802, 246.369

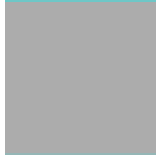


Tritanomaly
75, 26.537, 209.405

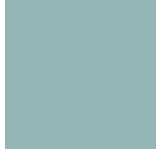
Monochromacy



Original Color
75, 27.914, 197.350



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 11.714, 198.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 27.914, 197.350 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(110, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(110, 199, 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(110, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 199, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 27.914, 197.350 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(110, 199, 199) }
```

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

```
.border{ border-color:rgb(110, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(110, 199,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 27.914, 197.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 199, 199) }
```

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

```
.background{ background-color: rgb(110,  
199, 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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