

Converting Colors

CIELCh(75, 24.855, 207.199)

Have a look what the booklet for
CIELCh(75, 24.855, 207.199)
contains.

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Color

CIELCh(75, 24.805, 207.768)

Conversions

Conversions Part 1

Format	Color
Hex	77C5CD
RGB	119, 197, 205
RGB Percent	47%, 77%, 80%
CMY	0.5332, 0.2273, 0.1960
CMYK	0.42, 0.04, 0.00, 0.20
HSL	186°, 46%, 64%
HSV	186°, 42%, 80%
XYZ	38.6069, 48.2781, 65.0589
YIQ	174.5900, -49.0560, -14.0480

Conversions

Conversions Part 2

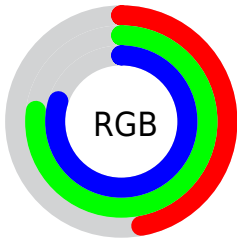
Format	Color
RYB	119, 160, 205
Decimal	7849421
CIELab	75.00, -21.95, -11.56
CIElCh	75, 24.805, 207.768
Yxy	48.2781, 0.2541, 0.3177
Android (android.graphics.Color)	4286039501 (0xFF77C5CD)
YUV	174.5900, 14.9921, -48.7524
Hunter-Lab	69.4824, -22.4135, -6.8776

Details

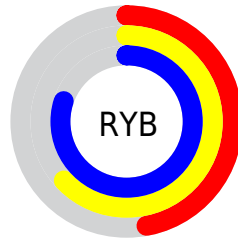
The CIELCh color **75, 24.805, 207.768** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 33.916, 30.325**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.054, 199.058**, and **55, 24.742, 208.027** is the 20% darker color. If you saturate the color by 10%, you get **74, 29.116, 208.077**, and if you desaturate by 10%, it is **77, 19.762, 207.622**.

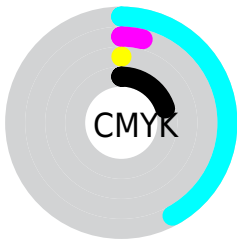
Distribution



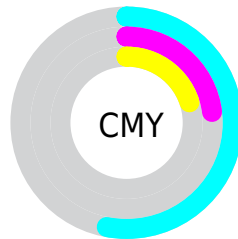
- Red (47%)
- Green (77%)
- Blue (80%)



- Red (47%)
- Yellow (63%)
- Blue (80%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)





- Cyan (53%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.805, 207.768 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, 24.805, 207.768 by changing the saturation by 10% instead.

 75, 24.805,
207.768


 75, 24.805,
207.768


 100, 24.805,
207.768

 65, 24.805,
207.768


 95, 24.805,
207.768

 55, 24.805,
207.768

 45, 24.805,
207.768

 35, 24.805,
207.768

 25, 24.805,
207.768

 15, 24.805,
207.768

 5, 24.805, 207.768

0, 24.805, 207.768

75, 24.805,
207.768

75, 24.805,
207.768

74, 29.116,
208.077

77, 19.762,
207.622

72, 32.605,
208.589

78, 14.093,
207.620

71, 35.213,
209.335

80, 7.911, 207.748

82, 1.320, 208.288

70, 36.928,
210.353

84, 5.582, 28.008

70, 37.802,
211.672

86, 12.714, 28.367

69, 38.058,
212.924

88, 17.102, 29.883

■ 88, 16.600, 33.543

■ 89, 16.172, 37.415

Harmonies

Complementary

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



75, 24.805, 207.768



61, 33.916, 30.325

Rectangle

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



75, 24.805, 207.768



75, 24.805, 257.768



75, 24.805, 27.768



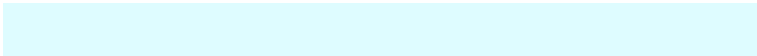
75, 24.805, 77.768

Sweetspot

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



75, 24.805, 207.765



97, 10.242, 207.724



76, 52.597, 143.452



51, 7.121, 207.688



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, 24.805, 207.765



90, 33.707, 208.025



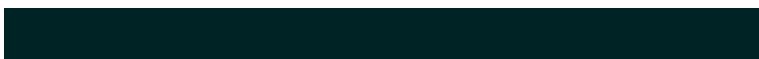
63, 29.633, 271.270



42, 3.768, 207.806



57, 32.530, 212.647



11, 12.325, 208.957

Inverse Universe

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



62, 52.137, 329.480



72, 72.995, 329.966



71, 31.424, 78.321



40, 7.073, 327.574



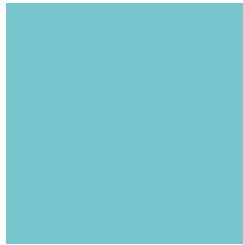
38, 77.867, 332.282



5, 26.938, 330.745

Previews

White Background



This preview shows how the CIE LCh color 75, 24.805, 207.768 looks on a white background.

Color Contrast Check

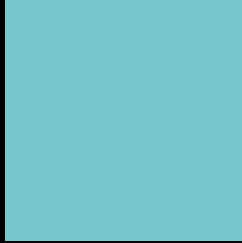
Large Text (above 18pt) WCAG AA × Fail

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, 24.805, 207.768 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, 24.805, 207.768

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.805, 207.768.

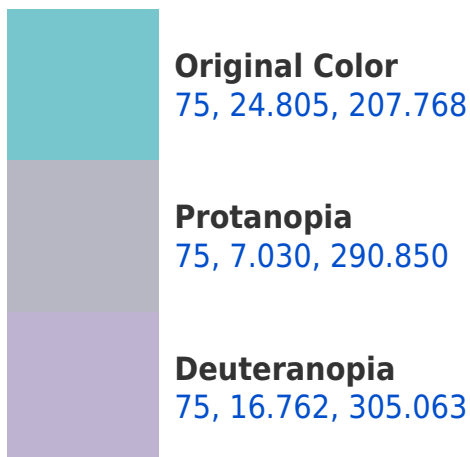


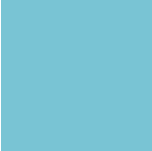
This preview shows how white text looks on a background with the CIELCh color 75, 24.805, 207.768.

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, 24.509, 218.647

Trichromacy



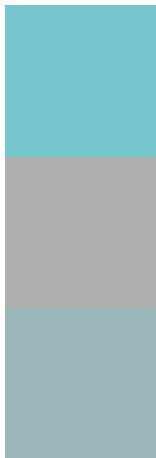
Original Color
75, 24.805, 207.768

Protanomaly
75, 11.236, 230.889

Deuteranomaly
75, 13.867, 258.491

Tritanomaly
75, 24.490, 214.567

Monochromacy



Original Color
75, 24.805, 207.768

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.029, 208.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.805, 207.768 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(119, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(119, 197, 205)  
}
```

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(119, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 197, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.805, 207.768 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(119, 197, 205) }
```

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

```
.border{ border-color:rgb(119, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(119, 197,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.805, 207.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 197, 205) }
```

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

```
.background{ background-color: rgb(119,  
197, 205) }
```

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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