

Converting Colors

CIELCh(75, 22.387, 212.310)

Have a look what the booklet for
CIELCh(75, 22.387, 212.310)
contains.

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Color

CIELCh(75, 22.544, 211.817)

Conversions

Conversions Part 1

Format	Color
Hex	7FC4CE
RGB	127, 196, 206
RGB Percent	50%, 77%, 81%
CMY	0.5031, 0.2325, 0.1933
CMYK	0.38, 0.05, 0.00, 0.19
HSL	188°, 44%, 65%
HSV	188°, 38%, 81%
XYZ	39.4868, 48.2781, 65.4407
YIQ	176.5090, -44.3340, -11.5180

Conversions

Conversions Part 2

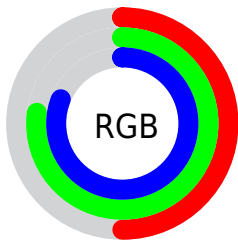
Format	Color
R _Y B	127, 164, 206
Decimal	8373454
CIE Lab	75.00, -19.16, -11.89
CIE LCh	75, 22.544, 211.817
Yxy	48.2781, 0.2577, 0.3151
Android (android.graphics.Color)	4286563534 (0xFF7FC4CE)
YUV	176.5090, 14.5391, -43.4194
Hunter-Lab	69.4824, -20.1530, -7.2034

Details

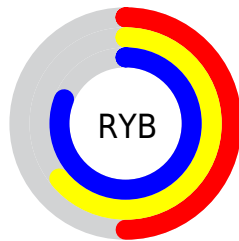
The CIELCh color **75, 22.544, 211.817** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 29.923, 32.749**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.476, 200.675**, and **55, 22.605, 212.314** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.029, 212.322**, and if you desaturate by 10%, it is **77, 17.387, 211.506**.

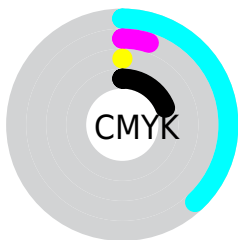
Distribution



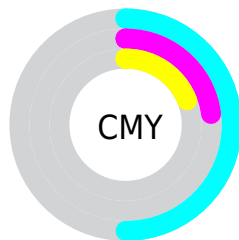
- Red (50%)
- Green (77%)
- Blue (81%)



- Red (50%)
- Yellow (64%)
- Blue (81%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)





- Cyan (50%)
- Magenta (23%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.544, 211.817 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, 22.544, 211.817 by changing the saturation by 10% instead.


 75, 22.544,
211.817


 75, 22.544,
211.817


 100, 22.544,
211.817


 65, 22.544,
211.817


 95, 22.544,
211.817

 55, 22.544,
211.817

 45, 22.544,
211.817

 35, 22.544,
211.817

 25, 22.544,
211.817

 15, 22.544,
211.817

 5, 22.544, 211.817

0, 22.544, 211.817

75, 22.544,
211.817

75, 22.544,
211.817

73, 27.029,
212.322

77, 17.387,
211.506

72, 30.745,
213.073

79, 11.663,
211.365

71, 33.623,
214.117

81, 5.479, 211.388

69, 35.632,
215.507

83, 1.066, 30.820

68, 36.803,
217.293

85, 7.887, 31.423

67, 37.277,
219.486

88, 14.908, 31.657

89, 16.109, 35.710

■ 67, 37.333,
219.850

■ 89, 15.606, 41.278

■ 90, 15.264, 47.152

Harmonies

Complementary

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



75, 22.544, 211.817



64, 29.923, 32.749

Rectangle

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



75, 22.544, 211.817



75, 22.544, 261.817



75, 22.544, 31.817



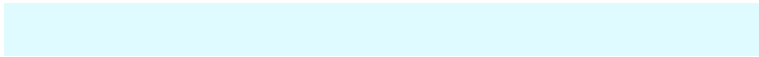
75, 22.544, 81.817

Sweetspot

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



75, 22.544, 211.814



97, 9.224, 211.356



76, 47.322, 144.789



51, 6.095, 211.352



0, 0.000, 0.000



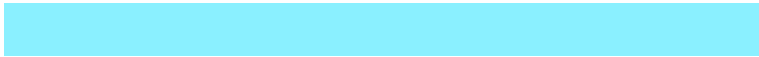
53, 0.007, 296.813

Same Dimension

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



75, 22.544, 211.814



89, 30.881, 212.213



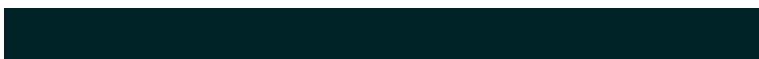
64, 28.353, 273.421



42, 3.665, 211.376



55, 31.824, 219.444



11, 12.039, 214.116

Inverse Universe

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



63, 46.990, 330.388



73, 66.219, 330.883



73, 29.334, 81.849



40, 6.910, 328.616



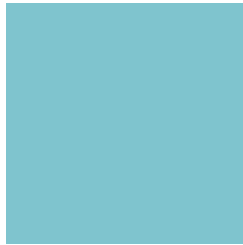
38, 75.870, 333.955



5, 26.204, 332.085

Previews

White Background



This preview shows how the CIELCh color 75, 22.544, 211.817 looks on a white background.

Color Contrast Check

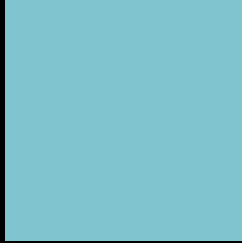
Large Text (above 18pt) WCAG AA × Fail

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, 22.544, 211.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

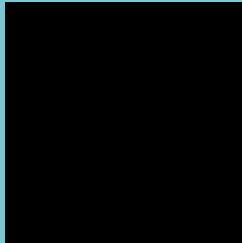
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.544, 211.817

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.544, 211.817.

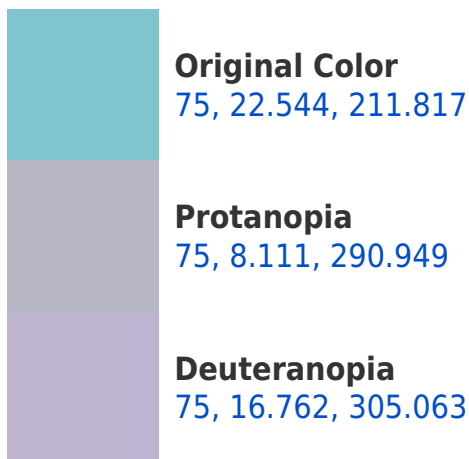


This preview shows how white text looks on a background with the CIELCh color 75, 22.544, 211.817.

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, 22.572, 220.665

Trichromacy



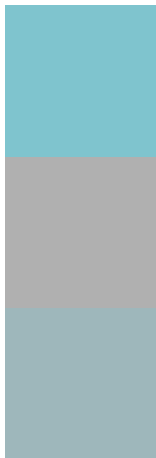
Original Color
75, 22.544, 211.817

Protanomaly
75, 10.997, 238.763

Deuteranomaly
74, 13.720, 264.608

Tritanomaly
75, 22.338, 217.889

Monochromacy



Original Color
75, 22.544, 211.817

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 9.101, 212.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.544, 211.817 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(127, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 196, 206)  
}
```

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(127, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 196, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.544, 211.817 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(127, 196, 206) }
```

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

```
.border{ border-color:rgb(127, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 196,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.544, 211.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 196, 206) }
```

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

```
.background{ background-color: rgb(127,  
196, 206) }
```

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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