

Converting Colors

CIELCh(75, 23.790, 222.314)

Have a look what the booklet for
CIELCh(75, 23.790, 222.314)
contains.

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Color

CIELCh(75, 23.807, 222.240)

Conversions

Conversions Part 1

Format	Color
Hex	7CC3D5
RGB	124, 195, 213
RGB Percent	49%, 76%, 84%
CMY	0.5126, 0.2342, 0.1636
CMYK	0.42, 0.08, 0.00, 0.16
HSL	192°, 52%, 66%
HSV	192°, 42%, 84%
XYZ	39.9750, 48.2781, 70.3492
YIQ	175.8230, -48.0940, -9.4540

Conversions

Conversions Part 2

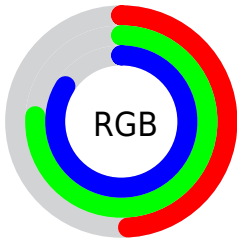
Format	Color
RYB	124, 163, 213
Decimal	8176597
CIELab	75.00, -17.63, -16.00
CIELCh	75, 23.807, 222.240
Yxy	48.2781, 0.2520, 0.3044
Android (android.graphics.Color)	4286366677 (0xFF7CC3D5)
YUV	175.8230, 18.3283, -45.4488
Hunter-Lab	69.4824, -18.8988, -11.3919

Details

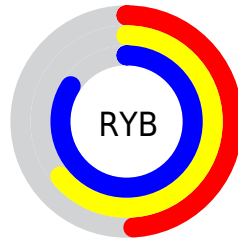
The CIELCh color **75, 23.807, 222.240** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 32.271, 39.704**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.019, 201.876**, and **55, 23.787, 222.054** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.090, 223.494**, and if you desaturate by 10%, it is **77, 18.873, 221.303**.

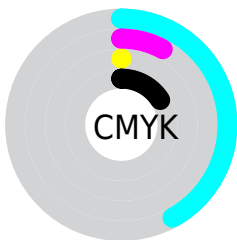
Distribution



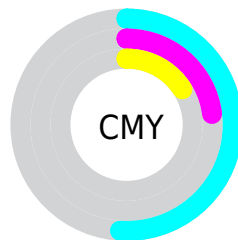
- Red (49%)
- Green (76%)
- Blue (84%)



- Red (49%)
- Yellow (64%)
- Blue (84%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)





- Cyan (51%)
- Magenta (23%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.807, 222.240 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, 23.807, 222.240 by changing the saturation by 10% instead.


 75, 23.807,
222.240


 75, 23.807,
222.240


 100, 23.807,
222.240


 65, 23.807,
222.240


 95, 23.807,
222.240

 55, 23.807,
222.240

 45, 23.807,
222.240

 35, 23.807,
222.240

 25, 23.807,
222.240

 15, 23.807,
222.240

 5, 23.807, 222.240

0, 23.807, 222.240

75, 23.807,
222.240

75, 23.807,
222.240

73, 28.090,
223.494

77, 18.873,
221.303

71, 31.643,
225.150

80, 13.384,
220.631

69, 34.418,
227.287

82, 7.437, 220.182

85, 1.125, 220.286

67, 36.422,
229.989

88, 5.470, 39.473

66, 37.734,
233.323

90, 12.277, 39.422

65, 38.479,
236.479

92, 12.697, 49.574

■ 93, 12.683, 61.687

■ 94, 13.230, 73.271

Harmonies

Complementary

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



75, 23.807, 222.240



66, 32.271, 39.704

Rectangle

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



75, 23.807, 222.240



75, 23.807, 272.240



75, 23.807, 42.240



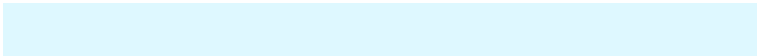
75, 23.807, 92.240

Sweetspot

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



75, 23.807, 222.237



96, 9.492, 220.231



78, 49.715, 147.033



51, 6.601, 220.320



0, 0.000, 0.000



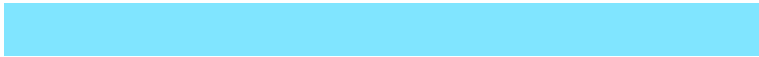
53, 0.007, 296.813

Same Dimension

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



75, 23.807, 222.237



86, 31.589, 223.321



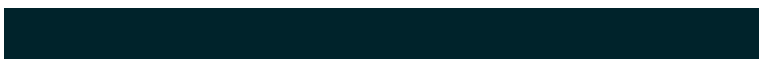
63, 35.436, 280.683



44, 3.632, 220.113



53, 32.564, 235.808



12, 12.648, 227.790

Inverse Universe

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



64, 49.746, 333.357



71, 67.826, 333.992



77, 35.056, 88.331



42, 6.819, 331.165



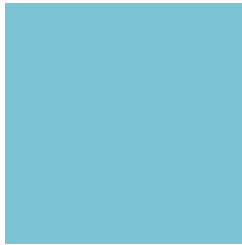
39, 73.245, 338.224



6, 28.397, 335.982

Previews

White Background



This preview shows how the CIE LCh color 75, 23.807, 222.240 looks on a white background.

Color Contrast Check

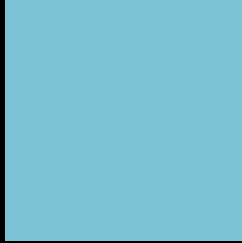
Large Text (above 18pt) WCAG AA × Fail

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, 23.807, 222.240 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, 23.807, 222.240

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.807, 222.240.



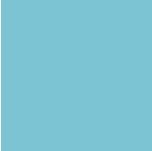
This preview shows how white text looks on a background with the CIELCh color 75, 23.807, 222.240.

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, 23.683, 218.030

Trichromacy



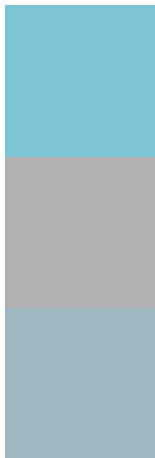
Original Color
75, 23.807, 222.240

Protanomaly
75, 14.348, 251.552

Deuteranomaly
75, 17.958, 268.715

Tritanomaly
75, 23.791, 219.350

Monochromacy



Original Color
75, 23.807, 222.240

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 9.828, 221.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.807, 222.240 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(124, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(124, 195, 213)  
}
```

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(124, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.807, 222.240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

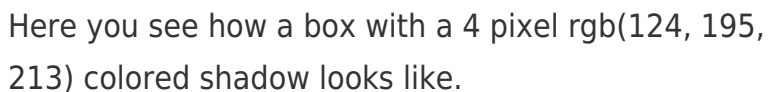
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 195, 213) }
```

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

```
.border{ border-color:rgb(124, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(124, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 195, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 195, 213); box-shadow:4px 4px 4px 4px rgb(124, 195, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.807, 222.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 195, 213) }
```

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

```
.background{ background-color: rgb(124,  
195, 213) }
```

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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