

Converting Colors

CIELCh(75, 22.747, 197.722)

Have a look what the booklet for
CIELCh(75, 22.747, 197.722)
contains.

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Color

CIELCh(75, 22.964, 197.699)

Conversions

Conversions Part 1

Format	Color
Hex	7FC5C5
RGB	127, 197, 197
RGB Percent	50%, 77%, 77%
CMY	0.5033, 0.2288, 0.2288
CMYK	0.36, 0.00, 0.00, 0.23
HSL	180°, 37%, 63%
HSV	180°, 36%, 77%
XYZ	38.6292, 48.2781, 59.9007
YIQ	176.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

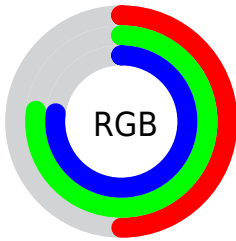
Format	Color
RYB	127, 162, 197
Decimal	8373701
CIELab	75.00, -21.88, -6.98
CIElCh	75, 22.964, 197.699
Yxy	48.2781, 0.2631, 0.3289
Android (android.graphics.Color)	4286563781 (0xFF7FC5C5)
YUV	176.0700, 10.3185, -43.0344
Hunter-Lab	69.4824, -22.3561, -2.4761

Details

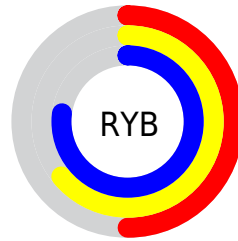
The CIELCh color **75, 22.964, 197.699** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 29.399, 22.621**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.854, 198.005**, and **55, 22.977, 197.248** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.065, 197.321**, and if you desaturate by 10%, it is **76, 17.174, 198.132**.

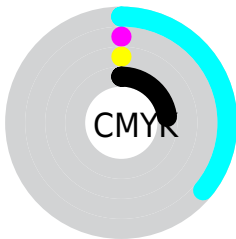
Distribution



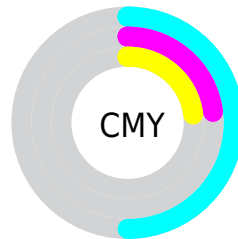
- Red (50%)
- Green (77%)
- Blue (77%)



- Red (50%)
- Yellow (64%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.964, 197.699 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, 22.964, 197.699 by changing the saturation by 10% instead.

 75, 22.964,
197.699

 75, 22.964,
197.699


 100, 22.964,
197.699


 65, 22.964,
197.699


 95, 22.964,
197.699

 55, 22.964,
197.699

 45, 22.964,
197.699

 35, 22.964,
197.699

 25, 22.964,
197.699

 15, 22.964,
197.699

 5, 22.964, 197.699

0, 22.964, 197.699

75, 22.964,
197.699

75, 22.964,
197.699

74, 28.065,
197.321

76, 17.174,
198.132

73, 32.377,
197.009

77, 10.807,
198.628

73, 35.829,
196.763

79, 3.978, 199.235

80, 3.204, 19.484

73, 38.387,
196.583

82, 10.641, 20.186

72, 40.070,
196.465

84, 18.248, 20.811

72, 40.958,
196.404

85, 22.292, 21.139

■ 72, 41.214,
196.386

■ 85, 22.292, 21.139

■ 85, 22.292, 21.139

Harmonies

Complementary

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



75, 22.964, 197.699



60, 29.399, 22.621

Rectangle

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



75, 22.964, 197.699



75, 22.964, 247.699



75, 22.964, 17.699



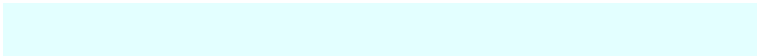
75, 22.964, 67.699

Sweetspot

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



75, 22.964, 197.696



98, 9.530, 198.873



73, 45.664, 141.475



52, 6.380, 198.794



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, 22.964, 197.696



94, 33.003, 197.388



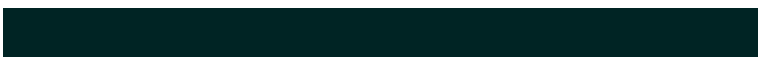
65, 21.695, 259.381



41, 4.034, 198.978



61, 35.889, 196.386



12, 12.984, 196.386

Inverse Universe

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



60, 29.399, 22.621



72, 45.060, 23.887



69, 24.229, 69.281



39, 4.279, 19.922



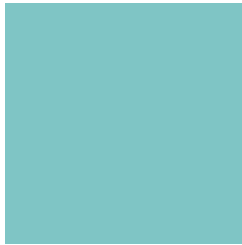
34, 74.644, 39.776



3, 15.885, 19.405

Previews

White Background



This preview shows how the CIELCh color 75, 22.964, 197.699 looks on a white background.

Color Contrast Check

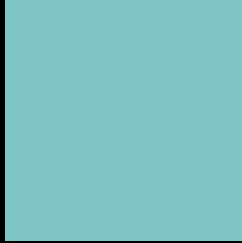
Large Text (above 18pt) WCAG AA × Fail

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, 22.964, 197.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

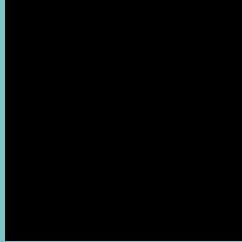
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

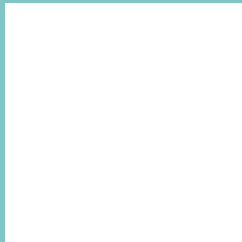
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 22.964, 197.699

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.964, 197.699.

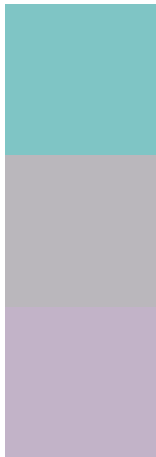


This preview shows how white text looks on a background with the CIELCh color 75, 22.964, 197.699.

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, 22.964, 197.699

Protanopia

75, 2.939, 312.543

Deuteranopia

75, 12.654, 316.609



Tritanopia
75, 21.946, 219.828

Trichromacy



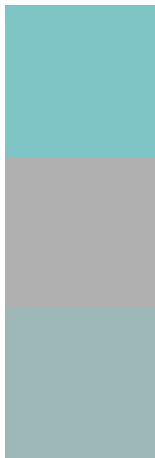
Original Color
75, 22.964, 197.699

Protanomaly
75, 8.652, 209.650

Deuteranomaly
74, 9.120, 255.512

Tritanomaly
75, 21.970, 210.751

Monochromacy



Original Color
75, 22.964, 197.699

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 9.318, 198.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.964, 197.699 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, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 197)  
}
```

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, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.964, 197.699 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, 197, 197) }
```

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

```
.border{ border-color:rgb(127, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 197, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 197, 197); box-shadow:4px 4px 4px 4px rgb(127, 197, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.964, 197.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 197) }
```

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

```
.background{ background-color: rgb(127,  
197, 197) }
```

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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