

Converting Colors

CIELCh(75, 23.878, 200.983)

Have a look what the booklet for
CIELCh(75, 23.878, 200.983)
contains.

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Color

CIELCh(75, 23.868, 201.581)

Conversions

Conversions Part 1

Format	Color
Hex	7BC5C8
RGB	123, 197, 200
RGB Percent	48%, 77%, 78%
CMY	0.5179, 0.2277, 0.2159
CMYK	0.39, 0.01, 0.00, 0.22
HSL	182°, 41%, 63%
HSV	182°, 39%, 78%
XYZ	38.5299, 48.2781, 61.8936
YIQ	175.2160, -45.0670, -14.7550

Conversions

Conversions Part 2

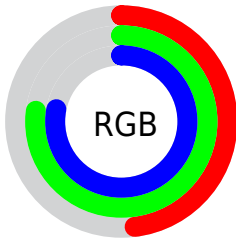
Format	Color
RYB	123, 161, 200
Decimal	8111560
CIELab	75.00, -22.19, -8.78
CIElCh	75, 23.868, 201.581
Yxy	48.2781, 0.2591, 0.3247
Android (android.graphics.Color)	4286301640 (0xFF7BC5C8)
YUV	175.2160, 12.2185, -45.7934
Hunter-Lab	69.4824, -22.6113, -4.1766

Details

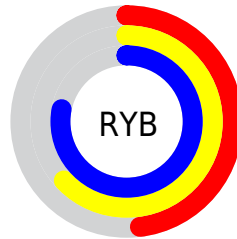
The CIELCh color **75, 23.868, 201.581** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 31.484, 25.802**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.936, 199.182**, and **55, 23.888, 201.379** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.594, 201.453**, and if you desaturate by 10%, it is **76, 18.430, 201.801**.

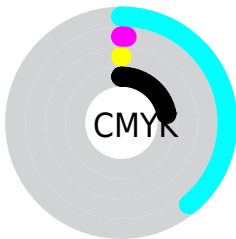
Distribution



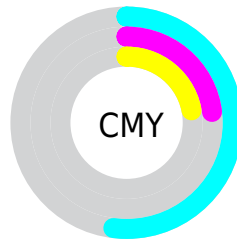
- Red (48%)
- Green (77%)
- Blue (78%)



- Red (48%)
- Yellow (63%)
- Blue (78%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (52%)
- Magenta (23%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.868, 201.581 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, 23.868, 201.581 by changing the saturation by 10% instead.


 75, 23.868,
201.581


 75, 23.868,
201.581


 100, 23.868,
201.581


 65, 23.868,
201.581


 95, 23.868,
201.581

 55, 23.868,
201.581

 45, 23.868,
201.581

 35, 23.868,
201.581

 25, 23.868,
201.581

 15, 23.868,
201.581

 5, 23.868, 201.581

0, 23.868, 201.581

75, 23.868,
201.581

75, 23.868,
201.581

74, 28.594,
201.453

76, 18.430,
201.801

73, 32.512,
201.438

78, 12.389,
202.112

72, 35.555,
201.546

79, 5.860, 202.524

81, 1.050, 22.316

72, 37.697,
201.788

83, 8.243, 23.234

71, 38.967,
202.174

85, 15.636, 23.754

71, 39.504,
202.694

86, 20.070, 24.526

■ 71, 39.563,
202.775

■ 86, 19.813, 25.707

■ 86, 19.565, 26.918

Harmonies

Complementary

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



75, 23.868, 201.581



60, 31.484, 25.802

Rectangle

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



75, 23.868, 201.581



75, 23.868, 251.581



75, 23.868, 21.581



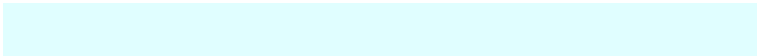
75, 23.868, 71.581

Sweetspot

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



75, 23.868, 201.578



98, 9.969, 202.356



74, 49.117, 142.438



52, 6.588, 202.301



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, 23.868, 201.578



92, 33.363, 201.468



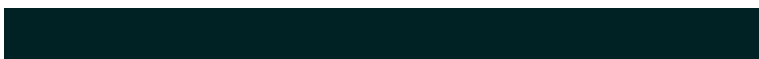
64, 25.083, 265.525



41, 3.879, 202.481



59, 34.052, 202.677



11, 12.455, 201.226

Inverse Universe

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



62, 48.853, 327.611



74, 70.232, 328.027



70, 27.339, 73.993



39, 7.190, 325.995



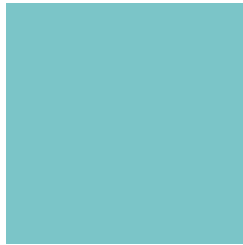
38, 80.296, 329.827



4, 25.868, 328.313

Previews

White Background



This preview shows how the CIELCh color 75, 23.868, 201.581 looks on a white background.

Color Contrast Check

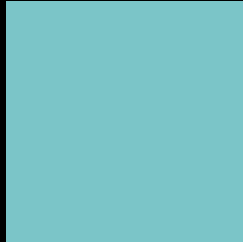
Large Text (above 18pt) WCAG AA × Fail

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, 23.868, 201.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

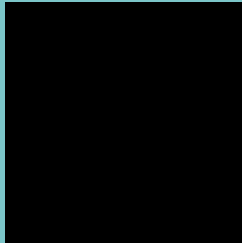
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

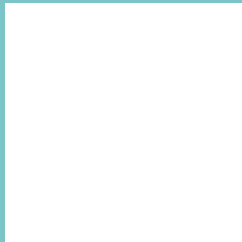
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 23.868, 201.581

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.868, 201.581.

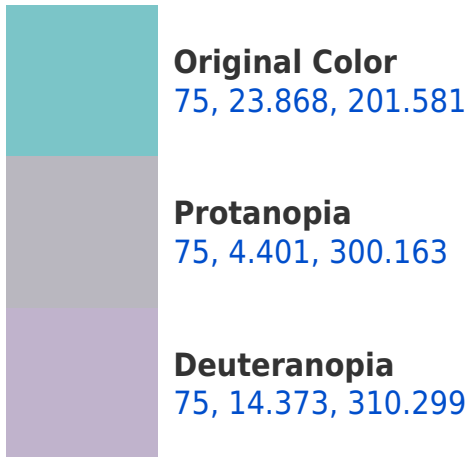


This preview shows how white text looks on a background with the CIELCh color 75, 23.868, 201.581.

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](#).

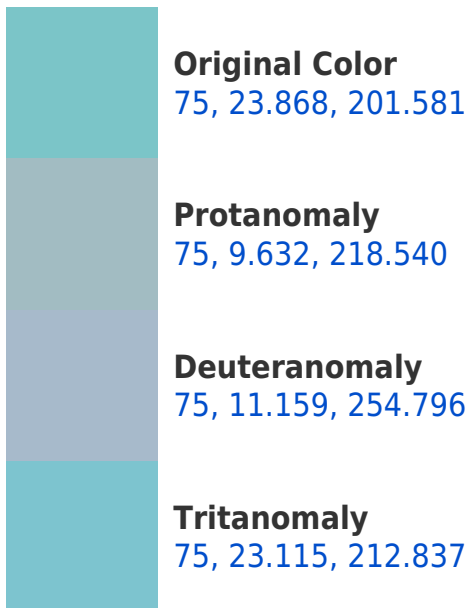
Dichromacy



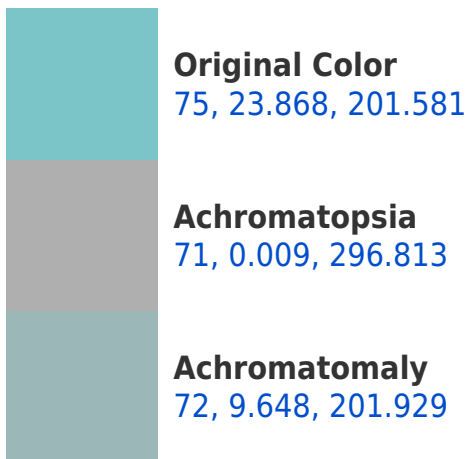


Tritanopia
75, 23.063, 220.125

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.868, 201.581 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(123, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(123, 197, 200)  
}
```

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(123, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 197, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.868, 201.581 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(123, 197, 200) }
```

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

```
.border{ border-color:rgb(123, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 197, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 197, 200); box-shadow:4px 4px 4px 4px rgb(123, 197, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.868, 201.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 197, 200) }
```

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

```
.background{ background-color: rgb(123,  
197, 200) }
```

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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