

Converting Colors

CIELCh(73, 23.571, 198.142)

Have a look what the booklet for
CIELCh(73, 23.571, 198.142)
contains.

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Color

CIELCh(73, 23.464, 198.966)

Conversions

Conversions Part 1

Format	Color
Hex	77BFC0
RGB	119, 191, 192
RGB Percent	47%, 75%, 75%
CMY	0.5321, 0.2497, 0.2458
CMYK	0.38, 0.01, 0.00, 0.25
HSL	181°, 37%, 61%
HSV	181°, 38%, 75%
XYZ	35.9007, 45.1644, 56.8785
YIQ	169.5860, -43.2330, -14.9530

Conversions

Conversions Part 2

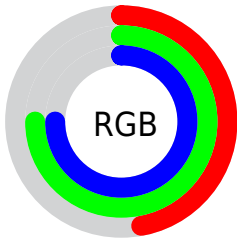
Format	Color
RYB	119, 155, 192
Decimal	7847872
CIELab	73.00, -22.19, -7.63
CIELCh	73, 23.464, 198.966
Yxy	45.1644, 0.2603, 0.3274
Android (android.graphics.Color)	4286037952 (0xFF77BFC0)
YUV	169.5860, 11.0501, -44.3639
Hunter-Lab	67.2044, -22.2529, -3.1370

Details

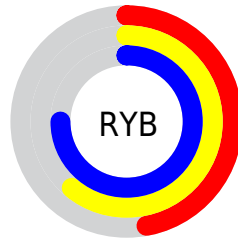
The CIELCh color **73, 23.464, 198.966** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 30.664, 23.901**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.757, 197.921**, and **53, 23.423, 200.026** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.225, 198.679**, and if you desaturate by 10%, it is **74, 18.009, 199.320**.

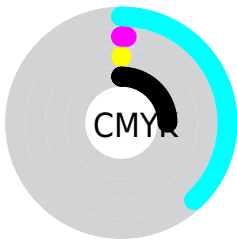
Distribution



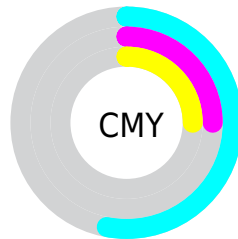
- Red (47%)
- Green (75%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)




- Cyan (53%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.464, 198.966 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 73, 23.464, 198.966 by changing the saturation by 10% instead.


 73, 23.464,
198.966


 73, 23.464,
198.966

 100, 23.464,
198.966


 63, 23.464,
198.966


 93, 23.464,
198.966

 53, 23.464,
198.966

 43, 23.464,
198.966

 33, 23.464,
198.966

 23, 23.464,
198.966

 13, 23.464,
198.966

 3, 23.464, 198.966

0, 23.464, 198.966

73, 23.464,
198.966

73, 23.464,
198.966

72, 28.225,
198.679

74, 18.009,
199.320

71, 32.200,
198.474

75, 11.968,
199.745

71, 35.323,
198.353

77, 5.452, 200.260

70, 37.571,
198.319

78, 1.432, 20.289

70, 38.971,
198.372

80, 8.586, 21.138

70, 39.647,
198.503

82, 15.927, 21.728

83, 23.386, 22.316

■ 70, 39.752,
198.533

■ 84, 23.711, 22.652

■ 84, 23.618, 22.976

Harmonies

Complementary

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



73, 23.464, 198.966



58, 30.664, 23.901

Rectangle

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



73, 23.464, 198.966



73, 23.464, 248.966



73, 23.464, 18.966



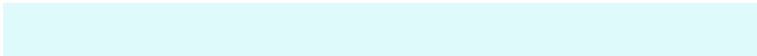
73, 23.464, 68.966

Sweetspot

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



73, 23.464, 198.963



96, 9.246, 200.078



72, 47.987, 141.630



51, 6.188, 200.007



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 23.464, 198.963



91, 33.707, 198.710



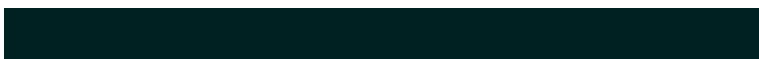
63, 23.076, 261.784



40, 3.894, 200.177



59, 34.801, 198.504



10, 12.252, 198.017

Inverse Universe

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



60, 47.482, 326.844



73, 70.270, 327.273



67, 25.683, 70.718



38, 7.159, 325.297



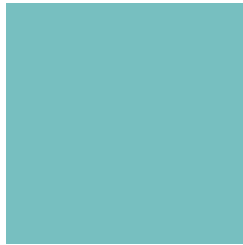
38, 80.946, 328.775



4, 23.913, 326.801

Previews

White Background



This preview shows how the CIELCh color 73, 23.464, 198.966 looks on a white background.

Color Contrast Check

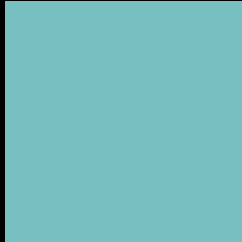
Large Text (above 18pt) WCAG AA × Fail

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 73, 23.464, 198.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

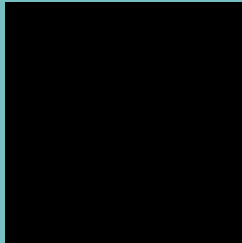
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

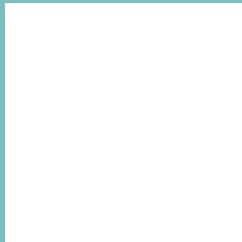
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 23.464, 198.966

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.464, 198.966.

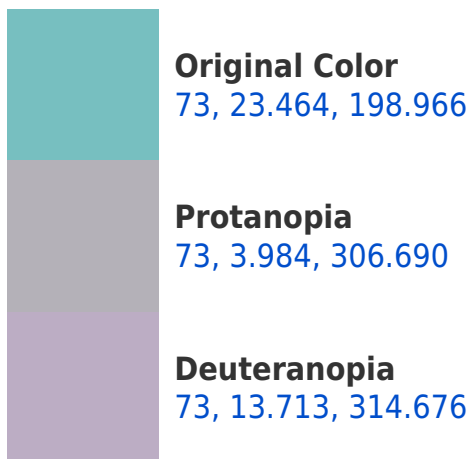


This preview shows how white text looks on a background with the CIELCh color 73, 23.464, 198.966.

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](#).

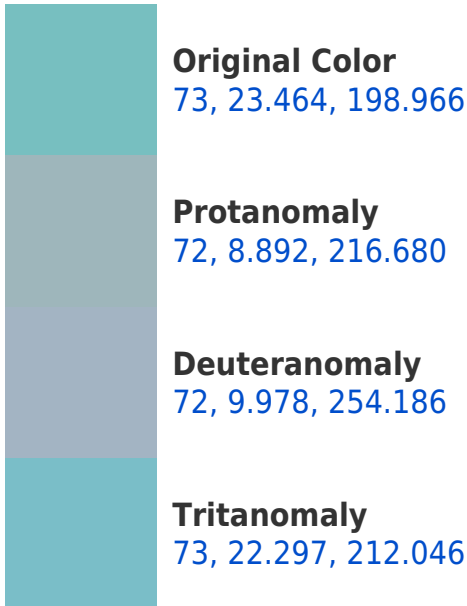
Dichromacy



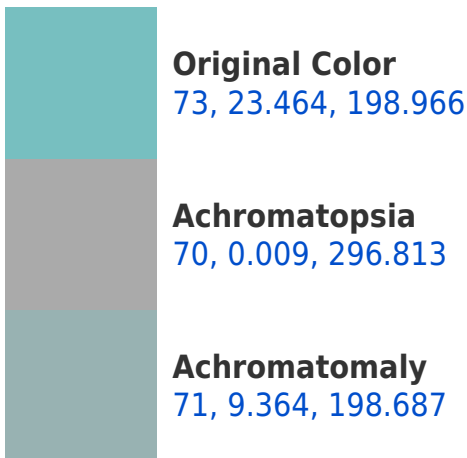


Tritanopia
73, 22.340, 221.047

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.464, 198.966 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, 191, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 192)  
}
```

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, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.464, 198.966 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, 191, 192) }
```

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

```
.border{ border-color:rgb(119, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.464, 198.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 192) }
```

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

```
.background{ background-color: rgb(119,  
191, 192) }
```

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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