

Converting Colors

CIELCh(71, 23.645, 208.623)

Have a look what the booklet for
CIELCh(71, 23.645, 208.623)
contains.

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Color

CIELCh(71, 23.549, 209.841)

Conversions

Conversions Part 1

Format	Color
Hex	70B9C2
RGB	112, 185, 194
RGB Percent	44%, 73%, 76%
CMY	0.5597, 0.2734, 0.2381
CMYK	0.42, 0.05, 0.00, 0.24
HSL	187°, 40%, 60%
HSV	187°, 42%, 76%
XYZ	33.8959, 42.1875, 57.5631
YIQ	164.1990, -46.3970, -12.6770

Conversions

Conversions Part 2

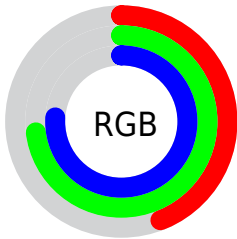
Format	Color
RYB	112, 151, 194
Decimal	7387586
CIELab	71.00, -20.43, -11.72
CIElCh	71, 23.549, 209.841
Yxy	42.1875, 0.2536, 0.3157
Android (android.graphics.Color)	4285577666 (0xFF70B9C2)
YUV	164.1990, 14.6919, -45.7785
Hunter-Lab	64.9519, -20.5136, -7.0789

Details

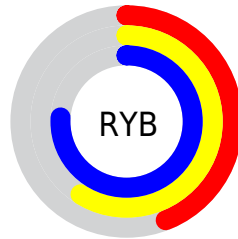
The CIELCh color **71, 23.549, 209.841** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 32.260, 31.671**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 23.383, 209.601**, and **51, 23.662, 208.679** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.617, 210.286**, and if you desaturate by 10%, it is **73, 18.794, 209.580**.

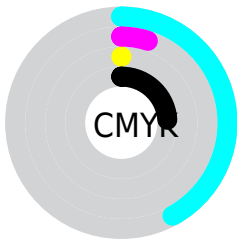
Distribution



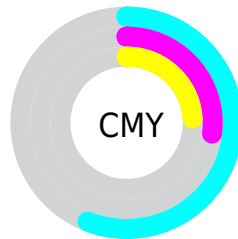
- Red (44%)
- Green (73%)
- Blue (76%)



- Red (44%)
- Yellow (59%)
- Blue (76%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)





- Cyan (56%)
- Magenta (27%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 23.549, 209.841 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 71, 23.549, 209.841 by changing the saturation by 10% instead.


 71, 23.549,
209.841


 71, 23.549,
209.841


 100, 23.549,
209.841


 61, 23.549,
209.841


 91, 23.549,
209.841

 51, 23.549,
209.841

 41, 23.549,
209.841

 31, 23.549,
209.841

 21, 23.549,
209.841

 11, 23.549,
209.841

 1, 23.549, 209.841

0, 23.549, 209.841

71, 23.549,
209.841

71, 23.549,
209.841

70, 27.617,
210.286

73, 18.794,
209.580

68, 30.912,
210.962

74, 13.451,
209.480

67, 33.379,
211.909

76, 7.625, 209.522

66, 35.008,
213.171

78, 1.413, 209.944

80, 5.094, 29.635

65, 35.846,
214.786

82, 11.820, 29.937

65, 36.116,
216.250

85, 18.700, 30.237

■ 86, 20.725, 32.484

■ 86, 20.207, 35.899

Harmonies

Complementary

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



71, 23.549, 209.841



58, 32.260, 31.671

Rectangle

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



71, 23.549, 209.841



71, 23.549, 259.841



71, 23.549, 29.841



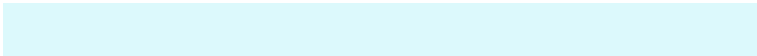
71, 23.549, 79.841

Sweetspot

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



71, 23.549, 209.838



96, 10.017, 209.511



72, 50.071, 143.916



51, 7.020, 209.492



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 23.549, 209.838



88, 33.448, 210.264



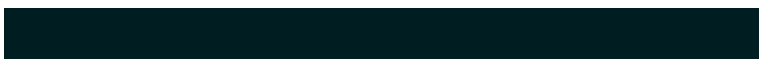
60, 29.159, 272.812



40, 3.561, 209.565



54, 31.402, 215.937



9, 11.054, 211.426

Inverse Universe

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



59, 49.643, 330.040



70, 72.852, 330.595



68, 30.581, 79.840



38, 6.701, 328.085



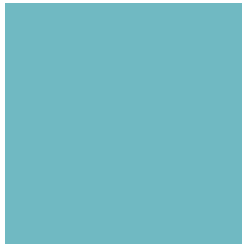
37, 75.127, 333.089



4, 21.851, 330.360

Previews

White Background



This preview shows how the CIELCh color 71, 23.549, 209.841 looks on a white background.

Color Contrast Check

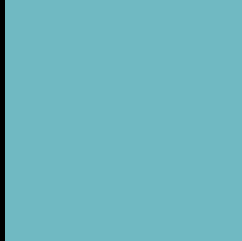
Large Text (above 18pt) WCAG AA × Fail

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 71, 23.549, 209.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

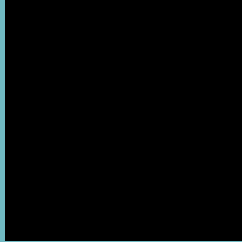
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

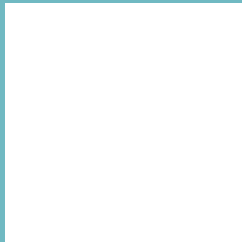
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 23.549, 209.841

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.549, 209.841.

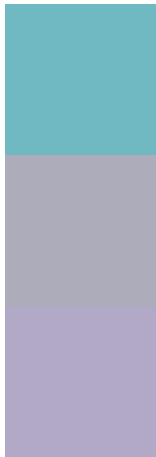


This preview shows how white text looks on a background with the CIELCh color 71, 23.549, 209.841.

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
71, 23.549, 209.841

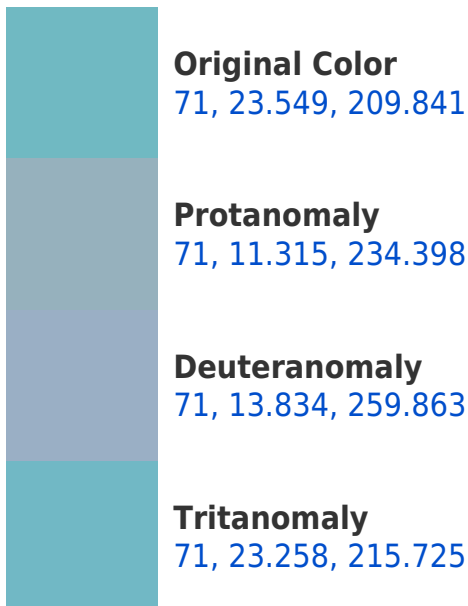
Protanopia
71, 7.657, 290.941

Deuteranopia
71, 16.247, 303.067



Tritanopia
71, 23.201, 218.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.549, 209.841 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(112, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(112, 185, 194)  
}
```

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(112, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 185, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.549, 209.841 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(112, 185, 194) }
```

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

```
.border{ border-color:rgb(112, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(112, 185,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.549, 209.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 185, 194) }
```

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

```
.background{ background-color: rgb(112,  
185, 194) }
```

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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