

Converting Colors

CIELCh(74, 23.948, 208.156)

Have a look what the booklet for
CIELCh(74, 23.948, 208.156)
contains.

CIELCh(74, 24.043, 208.157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 24.043, 208.157)

Conversions

Conversions Part 1

Format	Color
Hex	77C2CA
RGB	119, 194, 202
RGB Percent	47%, 76%, 79%
CMY	0.5338, 0.2397, 0.2083
CMYK	0.41, 0.04, 0.00, 0.21
HSL	186°, 44%, 63%
HSV	186°, 41%, 79%
XYZ	37.5042, 46.7039, 62.8426
YIQ	172.4870, -47.2680, -13.4120

Conversions

Conversions Part 2

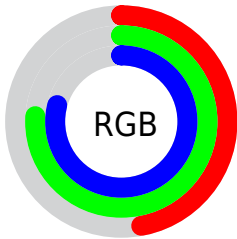
Format	Color
R_{YB}	119, 158, 202
Decimal	7848650
CIE _{Lab}	74.00, -21.20, -11.35
CIE _{LCh}	74, 24.043, 208.157
Yxy	46.7039, 0.2550, 0.3176
Android (android.graphics.Color)	4286038730 (0xFF77C2CA)
YUV	172.4870, 14.5499, -46.9081
Hunter-Lab	68.3403, -21.6373, -6.6822

Details

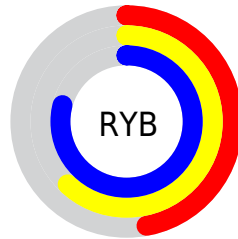
The CIELCh color **74, 24.043, 208.157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 32.632, 30.498**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.120, 202.875**, and **54, 24.059, 208.410** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.356, 208.476**, and if you desaturate by 10%, it is **76, 19.019, 208.002**.

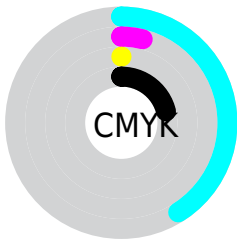
Distribution



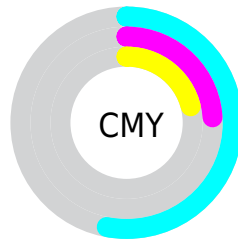
- Red (47%)
- Green (76%)
- Blue (79%)



- Red (47%)
- Yellow (62%)
- Blue (79%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)





- Cyan (53%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.043, 208.157 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 74, 24.043, 208.157 by changing the saturation by 10% instead.


 74, 24.043,
208.157


 74, 24.043,
208.157


 100, 24.043,
208.157


 64, 24.043,
208.157


 94, 24.043,
208.157


 54, 24.043,
208.157

 44, 24.043,
208.157

 34, 24.043,
208.157

 24, 24.043,
208.157

 14, 24.043,
208.157

 4, 24.043, 208.157

0, 24.043, 208.157

74, 24.043,
208.157

74, 24.043,
208.157

73, 28.356,
208.476

76, 19.019,
208.002

71, 31.867,
209.000

77, 13.390,
207.993

70, 34.515,
209.763

79, 7.264, 208.116

69, 36.284,
210.801

81, 0.745, 208.966

83, 6.073, 28.364

69, 37.216,
212.149

85, 13.111, 28.708

68, 37.521,
213.579

87, 18.292, 29.827

■ 88, 17.774, 33.307

■ 88, 17.327, 36.981

Harmonies

Complementary

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



74, 24.043, 208.157



61, 32.632, 30.498

Rectangle

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



74, 24.043, 208.157



74, 24.043, 258.157



74, 24.043, 28.157



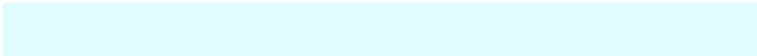
74, 24.043, 78.157

Sweetspot

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



74, 24.043, 208.154



97, 9.454, 208.096



75, 50.955, 143.544



52, 6.248, 208.073



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 24.043, 208.154



90, 33.127, 208.418



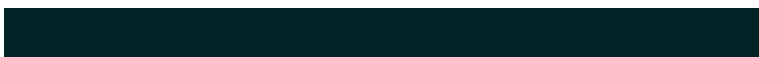
63, 28.679, 271.060



42, 3.757, 208.154



57, 32.442, 213.309



11, 12.292, 209.459

Inverse Universe

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



61, 50.411, 329.540



72, 71.540, 330.024



71, 30.377, 78.442



40, 7.057, 327.676



38, 77.664, 332.444



5, 26.864, 330.875

Previews

White Background



This preview shows how the CIELCh color 74, 24.043, 208.157 looks on a white background.

Color Contrast Check

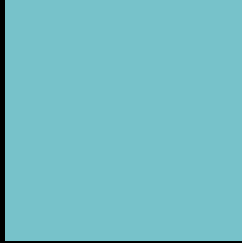
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 24.043, 208.157 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

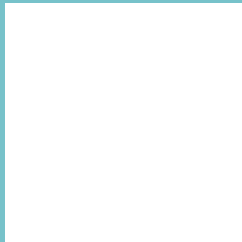
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 24.043, 208.157

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.043, 208.157.

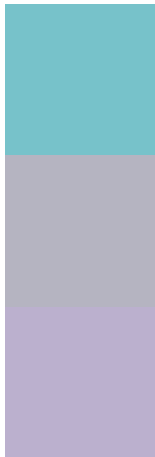


This preview shows how white text looks on a background with the CIELCh color 74, 24.043, 208.157.

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

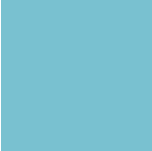
74, 24.043, 208.157

Protanopia

74, 7.066, 293.795

Deuteranopia

74, 16.813, 305.075



Tritanopia
74, 23.685, 218.076

Trichromacy



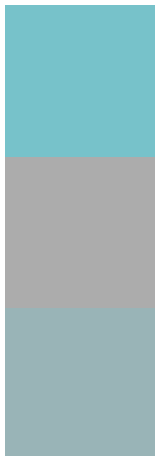
Original Color
74, 24.043, 208.157

Protanomaly
74, 10.981, 231.850

Deuteranomaly
74, 13.736, 259.727

Tritanomaly
74, 23.753, 215.190

Monochromacy



Original Color
74, 24.043, 208.157

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.717, 208.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.043, 208.157 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, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 194, 202)  
}
```

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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 194, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.043, 208.157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

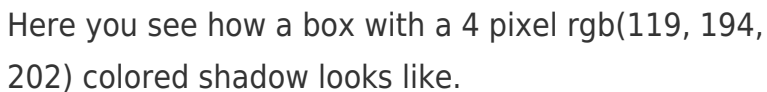
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 194, 202) }
```

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

```
.border{ border-color:rgb(119, 194, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 194, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 194, 202); box-shadow:4px 4px 4px 4px rgb(119, 194, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.043, 208.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 194, 202) }
```

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

```
.background{ background-color: rgb(119,  
194, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor