

# Converting Colors

CIELCh(74, 24.483, 192.557)

Have a look what the booklet for  
CIELCh(74, 24.483, 192.557)  
contains.

<b>CIELCh(74, 24.491, 192.438)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(74, 24.491, 192.438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79C3BF
RGB	121, 195, 191
RGB Percent	47%, 76%, 75%
CMY	0.5265, 0.2363, 0.2520
CMYK	0.38, 0.00, 0.02, 0.24
HSL	177°, 38%, 62%
HSV	177°, 38%, 76%
XYZ	36.6763, 46.7039, 56.2170
YIQ	172.4180, -42.8200, -16.9320

# Conversions

## Conversions Part 2

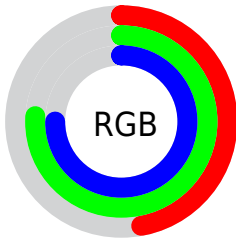
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 159, 195
Decimal	7979967
CIELab	74.00, -23.92, -5.27
CIELCh	74, 24.491, 192.438
Yxy	46.7039, 0.2627, 0.3346
Android (android.graphics.Color)	4286170047 (0xFF79C3BF)
YUV	172.4180, 9.1609, -45.0936
Hunter-Lab	68.3403, -23.7996, -0.9340

# Details

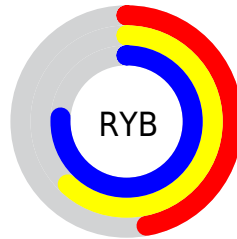
The CIELCh color **74, 24.491, 192.438** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 31.074, 18.923**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.748, 191.848**, and **54, 24.304, 192.962** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.579, 191.801**, and if you desaturate by 10%, it is **75, 18.730, 193.084**.

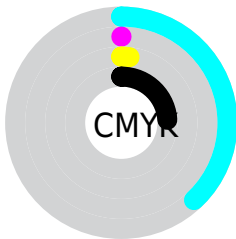
# Distribution



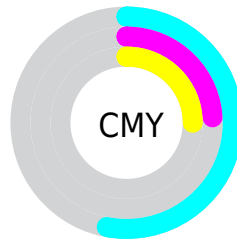
- Red (47%)
- Green (76%)
- Blue (75%)



- Red (47%)
- Yellow (62%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 24.491, 192.438 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, 24.491, 192.438 by changing the saturation by 10% instead.




 74, 24.491,  
192.438

 74, 24.491,  
192.438


 100, 24.491,  
192.438

 64, 24.491,  
192.438

 94, 24.491,  
192.438

 54, 24.491,  
192.438

 44, 24.491,  
192.438

 34, 24.491,  
192.438

 24, 24.491,  
192.438

 14, 24.491,  
192.438

 4, 24.491, 192.438

0, 24.491, 192.438

74, 24.491,  
192.438

74, 24.491,  
192.438

73, 29.579,  
191.801

75, 18.730,  
193.084

72, 33.893,  
191.174

76, 12.411,  
193.753

72, 37.359,  
190.547

78, 5.650, 194.470

79, 1.442, 14.682

72, 39.945,  
189.908

81, 8.767, 15.675

71, 41.672,  
189.245

82, 16.241, 16.391

71, 42.662,  
188.548

84, 22.998, 16.873

■ 71, 42.827,  
188.409

■ 84, 22.996, 15.511

■ 84, 23.008, 14.149

# Harmonies

# Complementary

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



74, 24.491, 192.438



59, 31.074, 18.923

# Rectangle

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



74, 24.491, 192.438



74, 24.491, 242.438



74, 24.491, 12.438



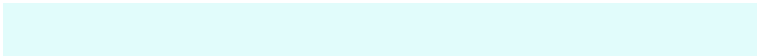
74, 24.491, 62.438

# Sweetspot

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



74, 24.491, 192.435



97, 9.525, 194.231



73, 47.537, 140.105



52, 6.432, 194.132



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, 24.491, 192.435



92, 35.216, 191.881



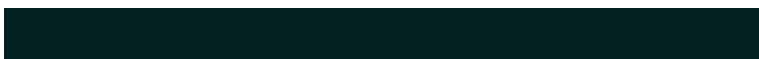
65, 21.845, 253.882



40, 3.977, 194.365



60, 37.109, 188.516



11, 12.840, 190.332



# Inverse Universe

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



59, 31.074, 18.923



70, 47.562, 20.485



66, 25.476, 63.720



38, 4.193, 15.546



33, 71.623, 37.505

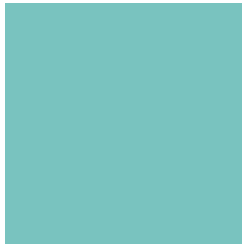


3, 14.028, 16.453



# Previews

## White Background



This preview shows how the CIELCh color 74, 24.491, 192.438 looks on a white background.

## Color Contrast Check

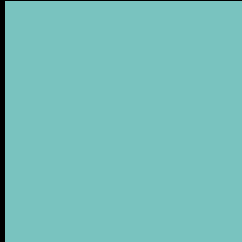
Large Text (above 18pt) WCAG AA × Fail

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 74, 24.491, 192.438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

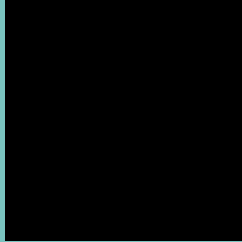
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

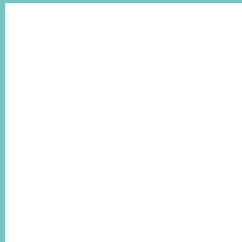
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 74, 24.491, 192.438

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.491, 192.438.

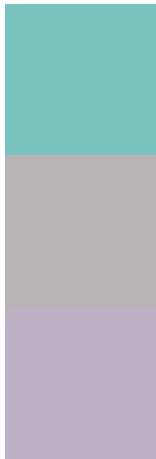


This preview shows how white text looks on a background with the CIELCh color 74, 24.491, 192.438.

# 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, 24.491, 192.438

**Protanopia**  
74, 1.858, 343.621

**Deuteranopia**  
74, 11.905, 320.480



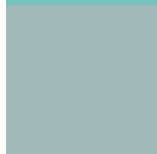


**Tritanopia**  
74, 22.579, 220.715

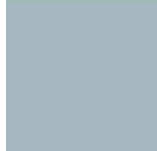
# Trichromacy



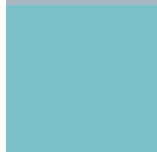
**Original Color**  
74, 24.491, 192.438



**Protanomaly**  
73, 8.620, 198.774



**Deuteranomaly**  
73, 8.010, 241.825

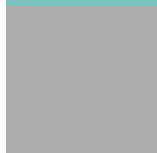


**Tritanomaly**  
74, 22.772, 210.258

# Monochromacy



**Original Color**  
74, 24.491, 192.438



**Achromatopsia**  
70, 0.009, 296.813



**Achromatomaly**  
71, 9.746, 195.435

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 24.491, 192.438 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(121, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 191)  
}
```

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(121, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 191) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 24.491, 192.438 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(121, 195, 191) }
```

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

```
.border{ border-color:rgb(121, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
191) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 24.491, 192.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 191) }
```

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

```
.background{ background-color: rgb(121,  
195, 191) }
```

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