

Converting Colors

CIELCh(74, 23.636, 197.739)

Have a look what the booklet for
CIELCh(74, 23.636, 197.739)
contains.

CIELCh(74, 23.529, 197.637)	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, 23.529, 197.637)

Conversions

Conversions Part 1

Format	Color
Hex	7AC2C2
RGB	122, 194, 194
RGB Percent	48%, 76%, 76%
CMY	0.5210, 0.2386, 0.2386
CMYK	0.37, 0.00, 0.00, 0.24
HSL	180°, 37%, 62%
HSV	180°, 37%, 76%
XYZ	37.1295, 46.7039, 58.1884
YIQ	172.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

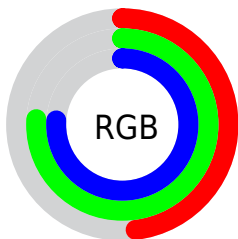
Format	Color
RYB	122, 158, 194
Decimal	8045250
CIELab	74.00, -22.42, -7.13
CIELCh	74, 23.529, 197.637
Yxy	46.7039, 0.2614, 0.3289
Android (android.graphics.Color)	4286235330 (0xFF7AC2C2)
YUV	172.4720, 10.6133, -44.2639
Hunter-Lab	68.3403, -22.6159, -2.6443

Details

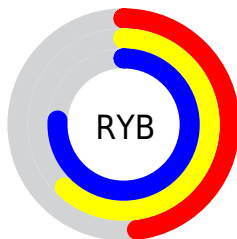
The CIELCh color **74, 23.529, 197.637** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 30.469, 22.828**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.804, 196.679**, and **54, 23.430, 197.173** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.469, 197.268**, and if you desaturate by 10%, it is **75, 17.892, 198.061**.

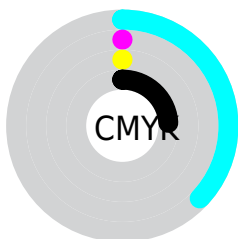
Distribution



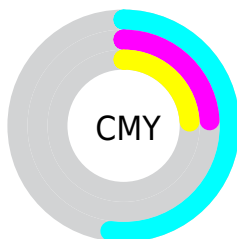
- Red (48%)
- Green (76%)
- Blue (76%)



- Red (48%)
- Yellow (62%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (52%)
- Magenta (24%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 23.529, 197.637 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, 23.529, 197.637 by changing the saturation by 10% instead.


 74, 23.529,
197.637

 74, 23.529,
197.637


 100, 23.529,
197.637


 64, 23.529,
197.637


 94, 23.529,
197.637

 54, 23.529,
197.637

 44, 23.529,
197.637

 34, 23.529,
197.637

 24, 23.529,
197.637

 14, 23.529,
197.637

 4, 23.529, 197.637

0, 23.529, 197.637

74, 23.529,
197.637

74, 23.529,
197.637

73, 28.469,
197.268

75, 17.892,
198.061

73, 32.617,
196.966

76, 11.668,
198.548

72, 35.907,
196.730

77, 4.970, 199.124

79, 2.092, 19.308

72, 38.312,
196.558

81, 9.420, 20.088

71, 39.859,
196.449

82, 16.928, 20.714

71, 40.653,
196.393

84, 23.336, 21.239

■ 71, 40.823,
196.381

■ 84, 23.336, 21.238

■ 84, 23.336, 21.237

Harmonies

Complementary

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



74, 23.529, 197.637



59, 30.469, 22.828

Rectangle

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



74, 23.529, 197.637



74, 23.529, 247.637



74, 23.529, 17.637



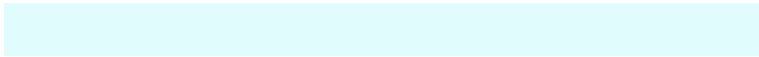
74, 23.529, 67.637

Sweetspot

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



74, 23.529, 197.634



97, 9.453, 198.870



72, 47.037, 141.340



52, 6.380, 198.791



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, 23.529, 197.634



93, 33.913, 197.315



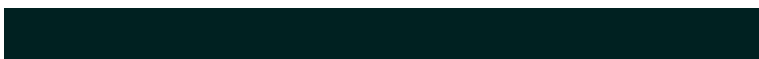
64, 22.339, 259.704



40, 3.949, 198.977



60, 35.476, 196.381



11, 12.444, 196.388

Inverse Universe

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



59, 30.469, 22.828



70, 47.065, 24.243



67, 25.075, 69.103



38, 4.187, 19.917



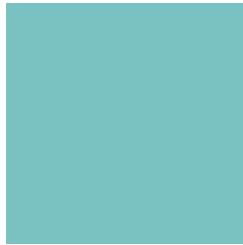
33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 23.529, 197.637 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, 23.529, 197.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

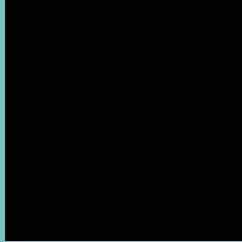
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

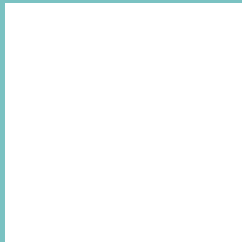
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 23.529, 197.637

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.529, 197.637.

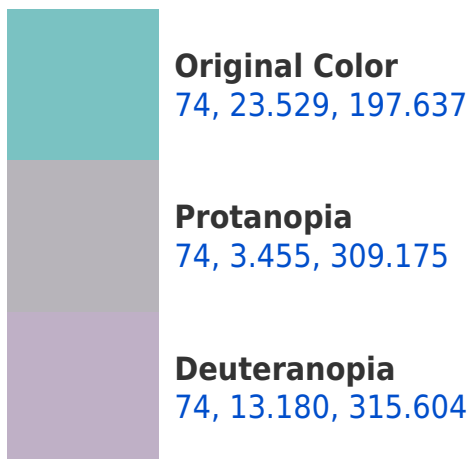


This preview shows how white text looks on a background with the CIELCh color 74, 23.529, 197.637.

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



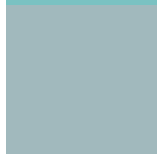


Tritanopia
74, 22.333, 220.996

Trichromacy



Original Color
74, 23.529, 197.637



Protanomaly
74, 8.756, 213.201



Deuteranomaly
74, 9.534, 252.086



Tritanomaly
74, 22.290, 212.024

Monochromacy



Original Color
74, 23.529, 197.637



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 9.341, 198.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.529, 197.637 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(122, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(122, 194, 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(122, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 194, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.529, 197.637 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(122, 194, 194) }
```

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

```
.border{ border-color:rgb(122, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(122, 194,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.529, 197.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 194, 194) }
```

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

```
.background{ background-color: rgb(122,  
194, 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](#).

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