

Converting Colors

CIELCh(74, 30.036, 167.185)

Have a look what the booklet for
CIELCh(74, 30.036, 167.185)
contains.

CIELCh(74, 29.598, 167.526)	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, 29.598, 167.526)

Conversions

Conversions Part 1

Format	Color
Hex	7BC4A9
RGB	123, 196, 169
RGB Percent	48%, 77%, 66%
CMY	0.5166, 0.2303, 0.3362
CMYK	0.37, 0.00, 0.14, 0.23
HSL	158°, 38%, 63%
HSV	158°, 37%, 77%
XYZ	35.1906, 46.7039, 44.8227
YIQ	171.0950, -34.8410, -23.8730

Conversions

Conversions Part 2

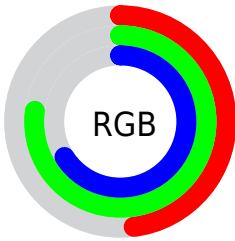
Format	Color
RYB	123, 168, 196
Decimal	8111273
CIELab	74.00, -28.90, 6.39
CIELCh	74, 29.598, 167.526
Yxy	46.7039, 0.2777, 0.3686
Android (android.graphics.Color)	4286301353 (0xFF7BC4A9)
YUV	171.0950, -1.0328, -42.1793
Hunter-Lab	68.3403, -27.6801, 8.9514

Details

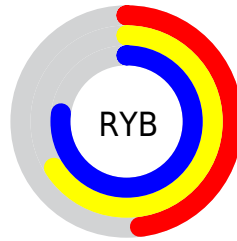
The CIELCh color **74, 29.598, 167.526** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 32.171, 355.458**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.684, 167.311**, and **54, 29.603, 167.416** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.788, 166.248**, and if you desaturate by 10%, it is **75, 21.966, 168.677**.

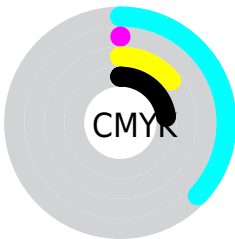
Distribution



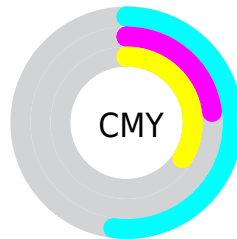
- Red (48%)
- Green (77%)
- Blue (66%)



- Red (48%)
- Yellow (66%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)




- Cyan (52%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.598, 167.526 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, 29.598, 167.526 by changing the saturation by 10% instead.

 74, 29.598,
167.526

 74, 29.598,
167.526

 100, 29.598,
167.526


 64, 29.598,
167.526


 94, 29.598,
167.526

 54, 29.598,
167.526

 44, 29.598,
167.526

 34, 29.598,
167.526

 24, 29.598,
167.526

 14, 29.598,
167.526

 4, 29.598, 167.526

0, 29.598, 167.526

74, 29.598,
167.526

74, 29.598,
167.526

73, 36.788,
166.248

75, 21.966,
168.677

72, 43.398,
164.823

77, 14.025,
169.731

71, 49.311,
163.223

78, 5.899, 170.731

71, 54.446,
161.428

80, 2.306, 351.344

71, 58.779,
159.424

82, 10.502,
352.318

70, 62.383,
157.234

83, 18.622,
353.108

85, 24.793,

■ 70, 63.339,
156.629

351.349

■ 85, 26.697,
344.120

■ 85, 28.991,
337.993

Harmonies

Complementary

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



74, 29.598, 167.526



60, 32.171, 355.458

Rectangle

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



74, 29.598, 167.526



74, 29.598, 217.526



74, 29.598, 347.526



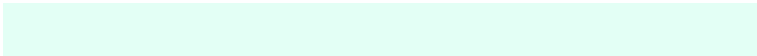
74, 29.598, 37.526

Sweetspot

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



74, 29.599, 167.525



98, 11.133, 170.334



75, 42.529, 131.309



52, 7.475, 170.197



0, 0.000, 0.000



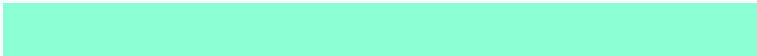
53, 0.007, 296.813

Same Dimension

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



74, 29.599, 167.525



93, 43.530, 166.448



72, 21.305, 210.536



40, 4.595, 170.513



58, 54.247, 156.995



10, 16.650, 163.151

Inverse Universe

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



60, 32.171, 355.458



72, 48.171, 356.814



61, 27.962, 31.805



38, 4.692, 352.103



34, 60.336, 13.936



3, 14.930, 359.822

Previews

White Background



This preview shows how the CIELCh color 74, 29.598, 167.526 looks on a white background.

Color Contrast Check

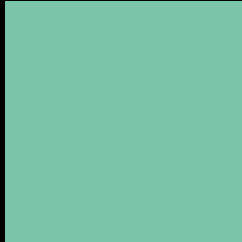
Large Text (above 18pt) WCAG AA × Fail

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, 29.598, 167.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

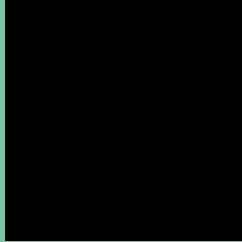
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 29.598, 167.526

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.598, 167.526.

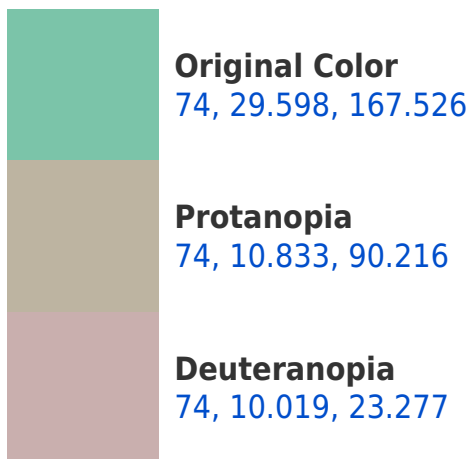


This preview shows how white text looks on a background with the CIELCh color 74, 29.598, 167.526.

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](#).

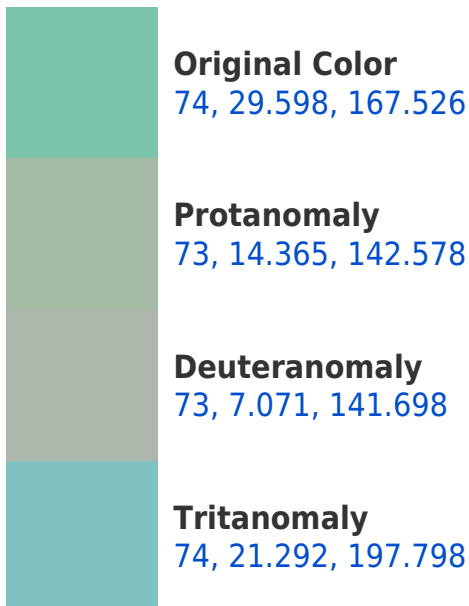
Dichromacy



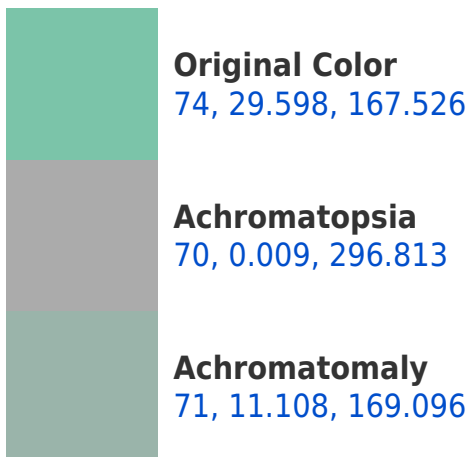


Tritanopia
74, 20.433, 221.713

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.598, 167.526 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(123, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(123, 196, 169)  
}
```

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(123, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 196, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.598, 167.526 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(123, 196, 169) }
```

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

```
.border{ border-color:rgb(123, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(123, 196,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.598, 167.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 196, 169) }
```

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

```
.background{ background-color: rgb(123,  
196, 169) }
```

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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