

Converting Colors

CIELCh(74, 32.859, 160.058)

Have a look what the booklet for
CIELCh(74, 32.859, 160.058)
contains.

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Color

CIELCh(74, 33.028, 159.724)

Conversions

Conversions Part 1

Format	Color
Hex	7CC5A0
RGB	124, 197, 160
RGB Percent	49%, 77%, 63%
CMY	0.5141, 0.2278, 0.3729
CMYK	0.37, 0.00, 0.19, 0.23
HSL	150°, 39%, 63%
HSV	150°, 37%, 77%
XYZ	34.5819, 46.7039, 40.4095
YIQ	170.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

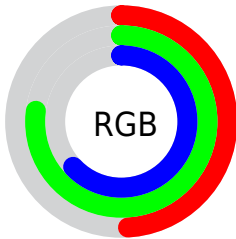
Format	Color
RYB	124, 173, 197
Decimal	8177056
CIELab	74.00, -30.98, 11.45
CIELCh	74, 33.028, 159.724
Yxy	46.7039, 0.2842, 0.3838
Android (android.graphics.Color)	4286367136 (0xFF7CC5A0)
YUV	170.9550, -5.4008, -41.1795
Hunter-Lab	68.3403, -29.2699, 12.7801

Details

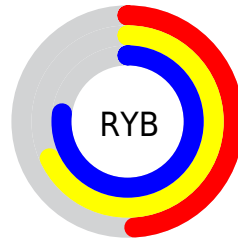
The CIELCh color **74, 33.028, 159.724** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 34.472, 346.849**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.911, 159.857**, and **54, 33.343, 159.255** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.339, 158.461**, and if you desaturate by 10%, it is **75, 24.338, 160.842**.

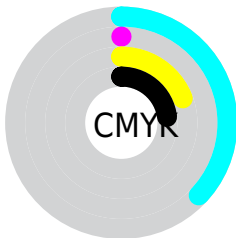
Distribution



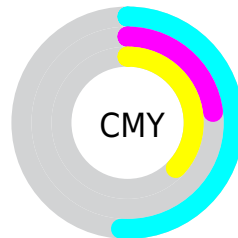
- Red (49%)
- Green (77%)
- Blue (63%)



- Red (49%)
- Yellow (68%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)




- Cyan (51%)
- Magenta (23%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.028, 159.724 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, 33.028, 159.724 by changing the saturation by 10% instead.


 74, 33.028,
159.724

 74, 33.028,
159.724


 100, 33.028,
159.724


 64, 33.028,
159.724


 94, 33.028,
159.724

 54, 33.028,
159.724

 44, 33.028,
159.724

 34, 33.028,
159.724

 24, 33.028,
159.724

 14, 33.028,
159.724

 4, 33.028, 159.724

0, 33.028, 159.724

74, 33.028,
159.724

74, 33.028,
159.724

73, 41.339,
158.461

75, 24.338,
160.842

72, 49.113,
157.031

77, 15.412,
161.843

71, 56.212,
155.409

78, 6.382, 162.770

71, 62.525,
153.579

80, 2.643, 343.361


70, 68.003,
151.539

82, 11.578,
344.210


70, 72.688,
149.326


84, 20.361,
344.899

85, 27.036,

 70, 73.984,
148.695

342.173

 86, 30.406,
334.366

 86, 34.259,
328.312

Harmonies

Complementary

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



74, 33.028, 159.724



61, 34.472, 346.849

Rectangle

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



74, 33.028, 159.724



74, 33.028, 209.724



74, 33.028, 339.724



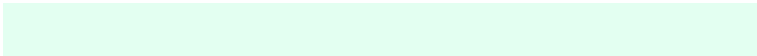
74, 33.028, 29.724

Sweetspot

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



74, 33.029, 159.723



98, 12.253, 162.393



75, 40.977, 126.741



52, 8.234, 162.267



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, 33.029, 159.723



92, 47.853, 158.778



75, 23.897, 196.032



41, 5.162, 162.556



59, 63.910, 149.037



11, 20.163, 155.618

Inverse Universe

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



61, 34.472, 346.849



73, 50.251, 347.817



60, 30.701, 21.593



39, 5.226, 344.014



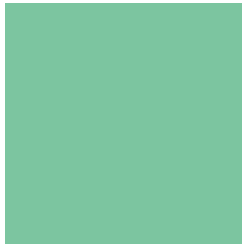
35, 60.812, 0.923



4, 17.925, 352.567

Previews

White Background



This preview shows how the CIELCh color 74, 33.028, 159.724 looks on a white background.

Color Contrast Check

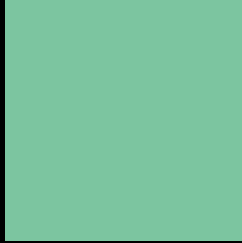
Large Text (above 18pt) WCAG AA × Fail

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, 33.028, 159.724 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, 33.028, 159.724

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.028, 159.724.

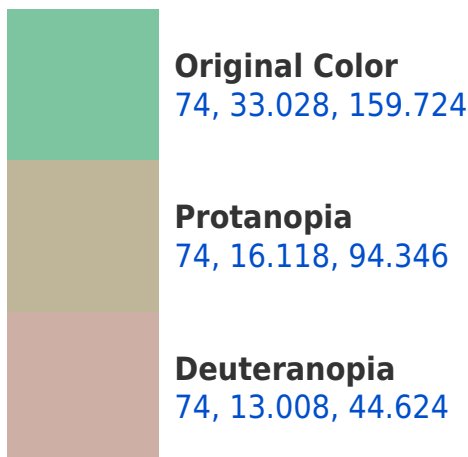


This preview shows how white text looks on a background with the CIELCh color 74, 33.028, 159.724.

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, 19.916, 222.395

Trichromacy



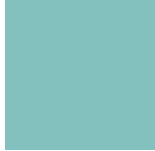
Original Color
74, 33.028, 159.724



Protanomaly
74, 18.920, 132.579



Deuteranomaly
73, 11.138, 123.102

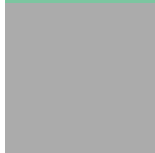


Tritanomaly
74, 21.400, 191.918

Monochromacy



Original Color
74, 33.028, 159.724



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 12.064, 162.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.028, 159.724 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(124, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(124, 197, 160)  
}
```

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(124, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 197, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.028, 159.724 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(124, 197, 160) }
```

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

```
.border{ border-color:rgb(124, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(124, 197,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.028, 159.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 197, 160) }
```

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

```
.background{ background-color: rgb(124,  
197, 160) }
```

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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