

Converting Colors

CIELCh(74, 28.803, 190.693)

Have a look what the booklet for
CIELCh(74, 28.803, 190.693)
contains.

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Color

CIELCh(74, 28.900, 190.723)

Conversions

Conversions Part 1

Format	Color
Hex	6BC5BF
RGB	107, 197, 191
RGB Percent	42%, 77%, 75%
CMY	0.5812, 0.2282, 0.2518
CMYK	0.46, 0.00, 0.03, 0.23
HSL	176°, 44%, 60%
HSV	176°, 46%, 77%
XYZ	35.3390, 46.7039, 56.3245
YIQ	169.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

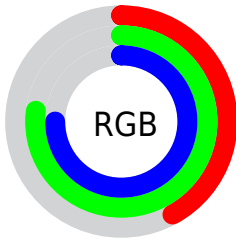
Format	Color
RYB	107, 154, 197
Decimal	7062975
CIELab	74.00, -28.40, -5.38
CIElCh	74, 28.900, 190.723
Yxy	46.7039, 0.2554, 0.3375
Android (android.graphics.Color)	4285253055 (0xFF6BC5BF)
YUV	169.4060, 10.6458, -54.7301
Hunter-Lab	68.3403, -27.2925, -1.0273

Details

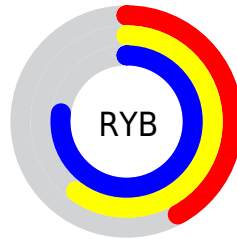
The CIELCh color **74, 28.900, 190.723** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 38.441, 19.358**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.836, 190.376**, and **54, 28.931, 190.898** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.495, 190.027**, and if you desaturate by 10%, it is **75, 23.553, 191.413**.

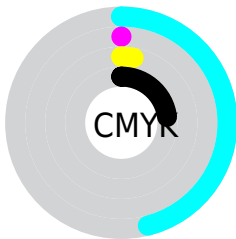
Distribution



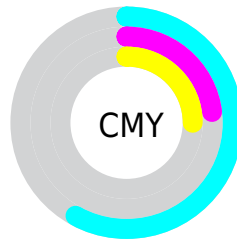
- Red (42%)
- Green (77%)
- Blue (75%)



- Red (42%)
- Yellow (60%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.900, 190.723 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, 28.900, 190.723 by changing the saturation by 10% instead.

 74, 28.900,
190.723

 74, 28.900,
190.723

 100, 28.900,
190.723

 64, 28.900,
190.723


 94, 28.900,
190.723

 54, 28.900,
190.723

 44, 28.900,
190.723

 34, 28.900,
190.723

 24, 28.900,
190.723

 14, 28.900,
190.723

 4, 28.900, 190.723

■ 0, 28.900, 190.723

■ 74, 28.900,
190.723

■ 74, 28.900,
190.723

■ 73, 33.495,
190.027

■ 75, 23.553,
191.413

■ 73, 37.254,
189.322

■ 76, 17.560,
192.110

■ 72, 40.130,
188.593

■ 77, 11.041,
192.822

■ 72, 42.131,
187.825

■ 79, 4.112, 193.603

■ 72, 43.331,
187.004

■ 80, 3.117, 14.005

■ 82, 10.550, 14.832

■ 72, 43.714,
186.648

■ 84, 18.107, 15.558

■ 85, 22.150, 15.110

■ 85, 22.175, 13.351

Harmonies

Complementary

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



74, 28.900, 190.723



56, 38.441, 19.358

Rectangle

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



74, 28.900, 190.723



74, 28.900, 240.723



74, 28.900, 10.723



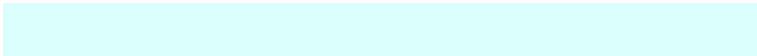
74, 28.900, 60.723

Sweetspot

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



74, 28.900, 190.721



98, 12.169, 192.933



72, 57.256, 139.419



52, 8.356, 192.773



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, 28.900, 190.721



92, 40.767, 190.019



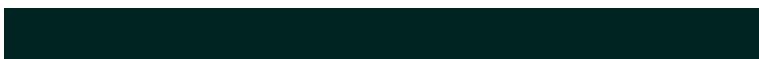
63, 26.165, 255.721



41, 4.073, 193.297



60, 38.011, 186.772



12, 13.556, 188.796

Inverse Universe

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



56, 38.441, 19.358



66, 58.259, 21.618



64, 31.639, 62.905



39, 4.289, 14.531



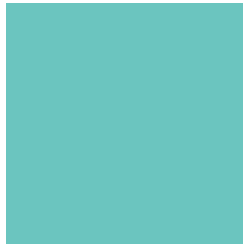
34, 72.023, 37.019



3, 15.927, 15.951

Previews

White Background



This preview shows how the CIELCh color 74, 28.900, 190.723 looks on a white background.

Color Contrast Check

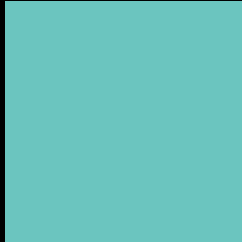
Large Text (above 18pt) WCAG AA × Fail

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, 28.900, 190.723 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

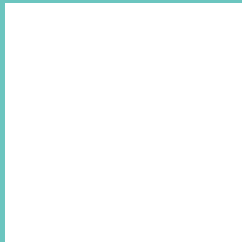
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 28.900, 190.723

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.900, 190.723.

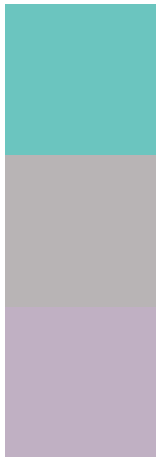


This preview shows how white text looks on a background with the CIELCh color 74, 28.900, 190.723.

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, 28.900, 190.723

Protanopia
74, 1.598, 359.424

Deuteranopia
74, 11.905, 320.480

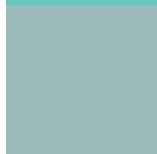


Tritanopia
74, 26.126, 217.232

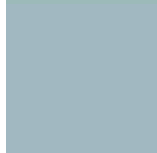
Trichromacy



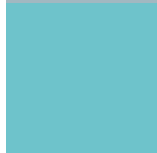
Original Color
74, 28.900, 190.723



Protanomaly
73, 10.722, 195.682



Deuteranomaly
73, 9.345, 230.505

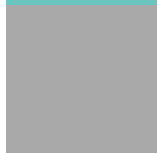


Tritanomaly
74, 26.515, 207.000

Monochromacy



Original Color
74, 28.900, 190.723



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 11.879, 193.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.900, 190.723 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(107, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(107, 197, 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(107, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 197, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.900, 190.723 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(107, 197, 191) }
```

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

```
.border{ border-color:rgb(107, 197, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(107, 197,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.900, 190.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 197, 191) }
```

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

```
.background{ background-color: rgb(107,  
197, 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](#).

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