

Converting Colors

CIELCh(74, 28.862, 208.134)

Have a look what the booklet for
CIELCh(74, 28.862, 208.134)
contains.

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Color

CIELCh(74, 28.785, 208.328)

Conversions

Conversions Part 1

Format	Color
Hex	65C4CE
RGB	101, 196, 206
RGB Percent	40%, 77%, 81%
CMY	0.6039, 0.2314, 0.1921
CMYK	0.51, 0.05, 0.00, 0.19
HSL	186°, 52%, 60%
HSV	186°, 51%, 81%
XYZ	36.2483, 46.7039, 65.4983
YIQ	168.7350, -59.8300, -17.0300

Conversions

Conversions Part 2

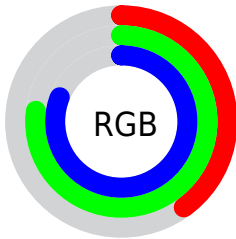
Format	Color
RYB	101, 151, 206
Decimal	6669518
CIELab	74.00, -25.34, -13.66
CIElCh	74, 28.785, 208.328
Yxy	46.7039, 0.2442, 0.3146
Android (android.graphics.Color)	4284859598 (0xFF65C4CE)
YUV	168.7350, 18.3716, -59.4036
Hunter-Lab	68.3403, -24.9176, -8.9862

Details

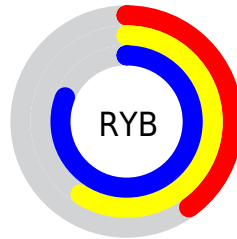
The CIELCh color **74, 28.785, 208.328** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 42.700, 31.610**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.000, 199.686**, and **54, 28.819, 208.538** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.363, 208.838**, and if you desaturate by 10%, it is **75, 24.390, 208.014**.

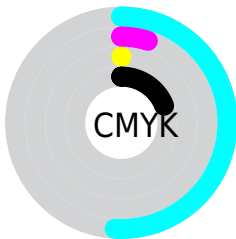
Distribution



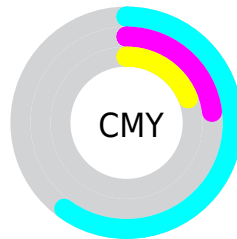
- Red (40%)
- Green (77%)
- Blue (81%)



- Red (40%)
- Yellow (59%)
- Blue (81%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (23%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.785, 208.328 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, 28.785, 208.328 by changing the saturation by 10% instead.

 74, 28.785,
208.328

 74, 28.785,
208.328

 100, 28.785,
208.328

 64, 28.785,
208.328

 94, 28.785,
208.328

 54, 28.785,
208.328

 44, 28.785,
208.328

 34, 28.785,
208.328

 24, 28.785,
208.328

 14, 28.785,
208.328

 4, 28.785, 208.328

0, 28.785, 208.328

74, 28.785,
208.328

74, 28.785,
208.328

73, 32.363,
208.838

75, 24.390,
208.014

72, 35.063,
209.587

77, 19.271,
207.871

71, 36.866,
210.610

79, 13.537,
207.869

70, 37.817,
211.938

81, 7.298, 208.000

69, 38.123,
213.376

83, 0.661, 208.964

85, 6.281, 28.261

87, 13.445, 28.608

■ 88, 16.617, 30.727

■ 89, 16.121, 34.636

Harmonies

Complementary

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



74, 28.785, 208.328



57, 42.700, 31.610

Rectangle

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



74, 28.785, 208.328



74, 28.785, 258.328



74, 28.785, 28.328



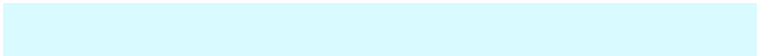
74, 28.785, 78.328

Sweetspot

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



74, 28.785, 208.326



96, 11.726, 207.927



75, 63.371, 142.436



51, 7.949, 207.901



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, 28.785, 208.326



88, 38.298, 208.888



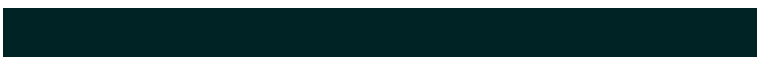
59, 36.193, 273.623



42, 3.760, 208.036



57, 32.471, 213.085



11, 12.303, 209.289

Inverse Universe

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



58, 62.434, 330.061



67, 85.941, 330.640



69, 38.810, 77.045



40, 7.062, 327.642



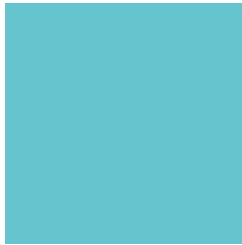
38, 77.732, 332.389



5, 26.889, 330.831

Previews

White Background



This preview shows how the CIELCh color 74, 28.785, 208.328 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, 28.785, 208.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

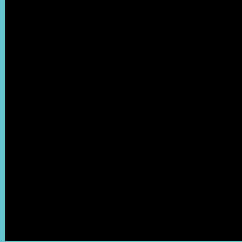
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

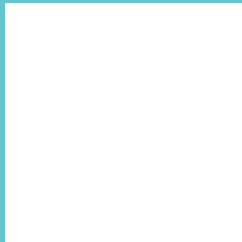
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 28.785, 208.328

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.785, 208.328.

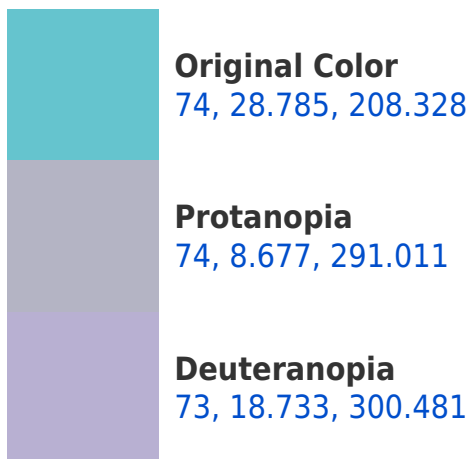


This preview shows how white text looks on a background with the CIELCh color 74, 28.785, 208.328.

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, 28.315, 215.515

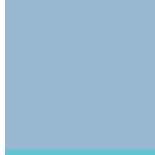
Trichromacy



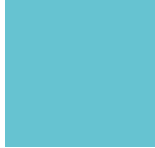
Original Color
74, 28.785, 208.328



Protanomaly
73, 13.915, 231.886



Deuteranomaly
73, 16.834, 256.319

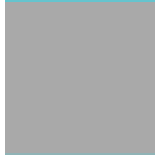


Tritanomaly
74, 28.421, 213.099

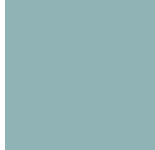
Monochromacy



Original Color
74, 28.785, 208.328



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 12.374, 206.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.785, 208.328 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(101, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(101, 196, 206)  
}
```

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(101, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 196, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.785, 208.328 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(101, 196, 206) }
```

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

```
.border{ border-color:rgb(101, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 196, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 196, 206); box-shadow:4px 4px 4px 4px rgb(101, 196, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.785, 208.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 196, 206) }
```

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

```
.background{ background-color: rgb(101,  
196, 206) }
```

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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