

Converting Colors

CIELCh(74, 6.579, 270.310)

Have a look what the booklet for
CIELCh(74, 6.579, 270.310) contains.

CIELCh(74, 6.808, 272.361)	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, 6.808, 272.361)

Conversions

Conversions Part 1

Format	Color
Hex	B0B6C2
RGB	176, 182, 194
RGB Percent	69%, 71%, 76%
CMY	0.3090, 0.2854, 0.2384
CMYK	0.09, 0.06, 0.00, 0.24
HSL	220°, 13%, 73%
HSV	220°, 9%, 76%
XYZ	44.4870, 46.7039, 57.8377
YIQ	181.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

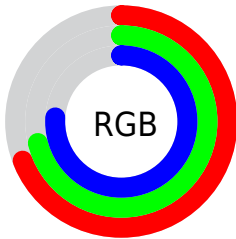
Format	Color
RYB	176, 181, 194
Decimal	11581122
CIELab	74.00, 0.28, -6.80
CIELCh	74, 6.808, 272.361
Yxy	46.7039, 0.2985, 0.3134
Android (android.graphics.Color)	4289771202 (0xFFB0B6C2)
YUV	181.5740, 6.1260, -4.8884
Hunter-Lab	68.3403, -3.3985, -2.3401

Details

The CIELCh color `74, 6.808, 272.361` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 6.807, 89.939`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 6.483, 272.101`, and `54, 6.694, 271.132` is the 20% darker color. If you saturate the color by 10%, you get `69, 14.252, 273.832`, and if you desaturate by 10%, it is `79, 0.522, 90.573`.

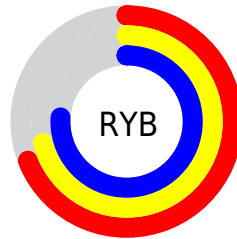
Distribution



Red (69%)

Green (71%)

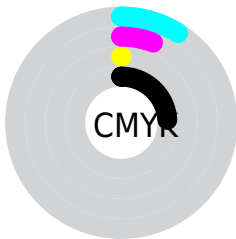
Blue (76%)



Red (69%)

Yellow (71%)

Blue (76%)

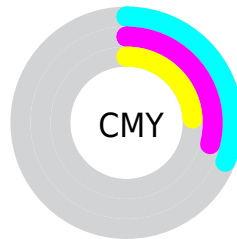


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.808, 272.361 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, 6.808, 272.361 by changing the saturation by 10% instead.

■ 74, 6.808, 272.361

■ 74, 6.808, 272.361

■ 100, 6.808,
272.361

■ 64, 6.808, 272.361

■ 94, 6.808, 272.361

■ 54, 6.808, 272.361

■ 44, 6.808, 272.361

■ 34, 6.808, 272.361

■ 24, 6.808, 272.361

■ 14, 6.808, 272.361

■ 4, 6.808, 272.361

■ 0, 6.808, 272.361

■ 74, 6.808, 272.361

■ 74, 6.808, 272.361

69, 14.252,
273.832

79, 0.522, 90.573

64, 21.818,
275.580

84, 7.735, 89.880

59, 29.511,
277.627

89, 14.829, 88.926

55, 37.350,
280.015

97, 26.919,
101.546

50, 45.363,
282.772

99, 30.614,
107.849

45, 53.586,
285.898

41, 62.040,
289.336

37, 70.680,
292.956

34, 79.342,

296.486

Harmonies

Complementary

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



74, 6.808, 272.361



76, 6.807, 89.939

Rectangle

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



74, 6.808, 272.361



74, 6.808, 322.361



74, 6.808, 92.361



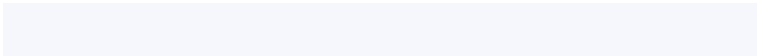
74, 6.808, 142.361

Sweetspot

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



74, 6.807, 272.349



97, 2.719, 271.595



77, 7.430, 171.809



52, 2.078, 271.677



0, 0.000, 0.000



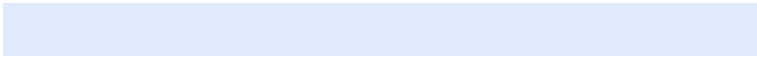
53, 0.007, 296.813

Same Dimension

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



74, 6.807, 272.349



92, 10.006, 272.611



73, 9.862, 296.779



38, 4.155, 272.362



27, 68.458, 296.198



3, 15.077, 279.867

Inverse Universe

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



74, 7.530, 354.489



92, 11.094, 354.691



78, 9.659, 115.378



38, 4.598, 354.500



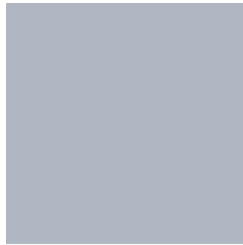
34, 61.015, 17.376



3, 14.753, 1.771

Previews

White Background



This preview shows how the CIELCh color 74, 6.808, 272.361 looks on a white background.

Color Contrast Check

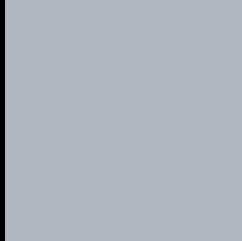
Large Text (above 18pt) WCAG AA × Fail

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, 6.808, 272.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

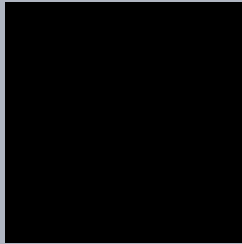
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

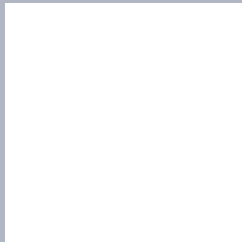
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.808, 272.361

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.808, 272.361.

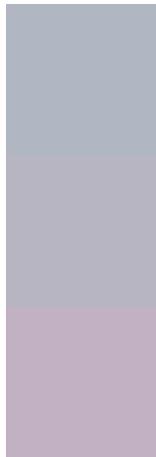


This preview shows how white text looks on a background with the CIELCh color 74, 6.808, 272.361.

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

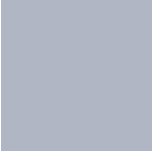
74, 6.808, 272.361

Protanopia

74, 6.519, 293.993

Deuteranopia

74, 11.430, 321.820



Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 6.808, 272.361

Protanomaly
74, 6.508, 287.622

Deuteranomaly
74, 9.187, 309.419

Tritanomaly
74, 7.232, 276.500

Monochromacy



Original Color
74, 6.808, 272.361

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.281, 271.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.808, 272.361 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(176, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 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(176, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.808, 272.361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

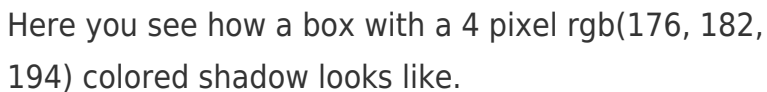
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 182, 194) }
```

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

```
.border{ border-color:rgb(176, 182, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.808, 272.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 194) }
```

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

```
.background{ background-color: rgb(176,  
182, 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