

Converting Colors

CIELCh(74, 17.786, 270.725)

Have a look what the booklet for
CIELCh(74, 17.786, 270.725)
contains.

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Color

CIELCh(74, 17.769, 270.707)

Conversions

Conversions Part 1

Format	Color
Hex	A4B7D6
RGB	164, 183, 214
RGB Percent	64%, 72%, 84%
CMY	0.3562, 0.2817, 0.1601
CMYK	0.23, 0.14, 0.00, 0.16
HSL	217°, 38%, 74%
HSV	217°, 23%, 84%
XYZ	44.4660, 46.7039, 70.3974
YIQ	180.8530, -21.2750, 5.6130

Conversions

Conversions Part 2

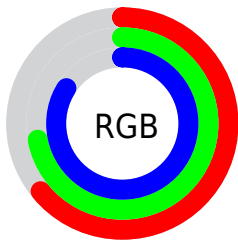
Format	Color
RYB	164, 178, 214
Decimal	10794966
CIELab	74.00, 0.22, -17.77
CIElCh	74, 17.769, 270.707
Yxy	46.7039, 0.2752, 0.2891
Android (android.graphics.Color)	4288985046 (0xFFA4B7D6)
YUV	180.8530, 16.3415, -14.7801
Hunter-Lab	68.3403, -3.4534, -13.2365

Details

The CIELCh color `74, 17.769, 270.707` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `80, 18.114, 84.182`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.311, 252.476`, and `54, 17.739, 270.473` is the 20% darker color. If you saturate the color by 10%, you get `69, 25.492, 272.630`, and if you desaturate by 10%, it is `79, 10.113, 269.070`.

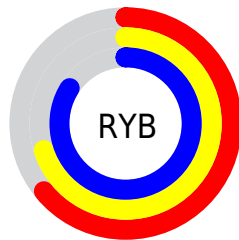
Distribution



Red (64%)

Green (72%)

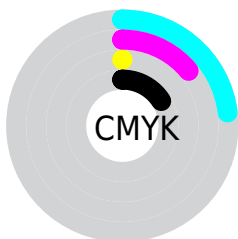
Blue (84%)



Red (64%)

Yellow (70%)

Blue (84%)

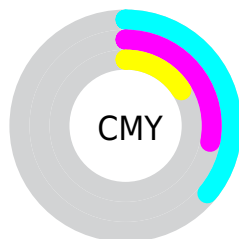


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (16%)



Cyan (36%)


Magenta (28%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.769, 270.707 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, 17.769, 270.707 by changing the saturation by 10% instead.


 74, 17.769,
270.707

 74, 17.769,
270.707


 100, 17.769,
270.707


 64, 17.769,
270.707


 94, 17.769,
270.707

 54, 17.769,
270.707

 44, 17.769,
270.707

 34, 17.769,
270.707

 24, 17.769,
270.707

 14, 17.769,
270.707

 4, 17.769, 270.707

0, 17.769, 270.707

74, 17.769,
270.707

74, 17.769,
270.707

69, 25.492,
272.630

79, 10.113,
269.070

64, 33.290,
274.892

84, 2.531, 267.748

59, 41.181,
277.532

89, 4.973, 86.366

94, 12.392, 85.354

55, 49.198,
280.577

98, 18.066,
102.370

50, 57.389,
284.014

99, 20.638,
108.615

46, 65.795,
287.764

■ 42, 74.398,
291.668

■ 39, 80.183,
294.167

Harmonies

Complementary

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



74, 17.769, 270.707



80, 18.114, 84.182

Rectangle

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



74, 17.769, 270.707



74, 17.769, 320.707



74, 17.769, 90.707



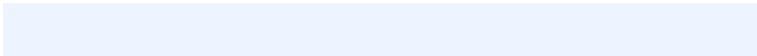
74, 17.769, 140.707

Sweetspot

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



74, 17.768, 270.704



96, 6.096, 268.186



82, 20.524, 168.241



51, 3.961, 268.266



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, 17.768, 270.704



84, 24.603, 271.614



69, 27.596, 296.935



42, 4.294, 268.503



31, 66.641, 293.540



5, 20.126, 281.856

Inverse Universe

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



72, 21.523, 352.991



82, 29.899, 353.595



84, 26.158, 112.909



42, 5.126, 351.473



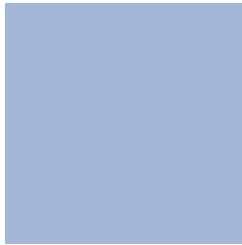
36, 63.032, 13.262



5, 22.616, 1.853

Previews

White Background



This preview shows how the CIELCh color 74, 17.769, 270.707 looks on a white background.

Color Contrast Check

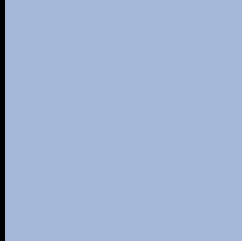
Large Text (above 18pt) WCAG AA × Fail

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, 17.769, 270.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

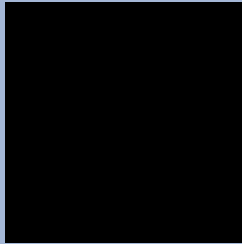
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 17.769, 270.707

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.769, 270.707.



This preview shows how white text looks on a background with the CIELCh color 74, 17.769, 270.707.

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, 17.769, 270.707

Protanopia

74, 17.367, 287.281

Deuteranopia

74, 20.770, 297.819



Tritanopia
74, 11.336, 241.047

Trichromacy



Original Color
74, 17.769, 270.707

Protanomaly
74, 17.527, 281.740

Deuteranomaly
74, 19.528, 289.023

Tritanomaly
74, 13.192, 254.495

Monochromacy



Original Color
74, 17.769, 270.707

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.423, 267.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.769, 270.707 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(164, 183, 214)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 214)  
}
```

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(164, 183, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.769, 270.707 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(164, 183, 214) }
```

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

```
.border{ border-color:rgb(164, 183, 214) }
```

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

Here you see how a box with a 4 pixel rgb(164, 183, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 214);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.769, 270.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 214) }
```

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

```
.background{ background-color: rgb(164,  
183, 214) }
```

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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