

Converting Colors

CIELCh(74, 16.782, 269.455)

Have a look what the booklet for
CIELCh(74, 16.782, 269.455)
contains.

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Color

CIELCh(74, 16.667, 270.236)

Conversions

Conversions Part 1

Format	Color
Hex	A5B7D4
RGB	165, 183, 212
RGB Percent	65%, 72%, 83%
CMY	0.3524, 0.2818, 0.1680
CMYK	0.22, 0.14, 0.00, 0.17
HSL	217°, 35%, 74%
HSV	217°, 22%, 83%
XYZ	44.4143, 46.7039, 69.0617
YIQ	180.9240, -20.0370, 5.2030

Conversions

Conversions Part 2

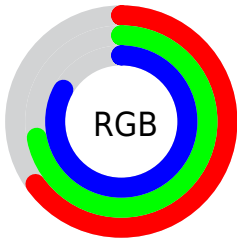
Format	Color
RYB	165, 178, 212
Decimal	10860500
CIELab	74.00, 0.07, -16.67
CIELCh	74, 16.667, 270.236
Yxy	46.7039, 0.2773, 0.2916
Android (android.graphics.Color)	4289050580 (0xFFA5B7D4)
YUV	180.9240, 15.3205, -13.9653
Hunter-Lab	68.3403, -3.5886, -12.0777

Details

The CIELCh color $74, 16.667, 270.236$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $79, 16.987, 84.078$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.118, 253.976$, and $54, 16.581, 269.802$ is the 20% darker color. If you saturate the color by 10%, you get $69, 24.291, 272.122$, and if you desaturate by 10%, it is $79, 9.106, 268.631$.

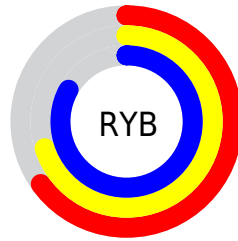
Distribution



Red (65%)

Green (72%)

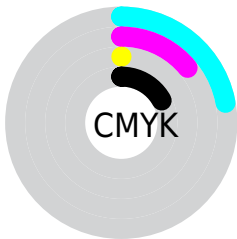
Blue (83%)



Red (65%)

Yellow (70%)

Blue (83%)

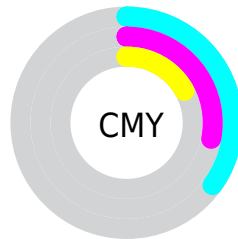


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (17%)



Cyan (35%)


Magenta (28%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.667, 270.236 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, 16.667, 270.236 by changing the saturation by 10% instead.

 74, 16.667,
270.236

 74, 16.667,
270.236


 100, 16.667,
270.236


 64, 16.667,
270.236


 94, 16.667,
270.236

 54, 16.667,
270.236

 44, 16.667,
270.236

 34, 16.667,
270.236

 24, 16.667,
270.236

 14, 16.667,
270.236

 4, 16.667, 270.236

0, 16.667, 270.236

74, 16.667,
270.236

74, 16.667,
270.236

69, 24.291,
272.122

79, 9.106, 268.631

64, 31.984,
274.343

84, 1.614, 267.396

59, 39.760,
276.938

89, 5.802, 85.978

55, 47.652,
279.937

94, 13.135, 84.977

50, 55.705,
283.335

97, 18.654,
101.416

46, 63.964,
287.063

99, 21.647,
108.538

■ 42, 72.428,
290.972

■ 39, 79.157,
293.949

Harmonies

Complementary

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



74, 16.667, 270.236



79, 16.987, 84.078

Rectangle

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



74, 16.667, 270.236



74, 16.667, 320.236



74, 16.667, 90.236



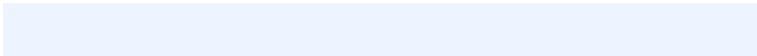
74, 16.667, 140.236

Sweetspot

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



74, 16.666, 270.232



96, 6.077, 267.925



81, 19.349, 168.369



51, 3.949, 268.005



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, 16.666, 270.232



84, 23.630, 271.163



70, 25.923, 296.803



42, 4.280, 268.242



31, 66.297, 293.342



5, 20.057, 281.686

Inverse Universe

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



73, 20.269, 352.657



82, 28.845, 353.273



83, 24.646, 113.006



42, 5.135, 351.283



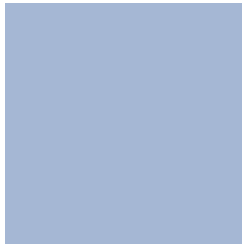
36, 62.990, 12.976



5, 22.633, 1.678

Previews

White Background



This preview shows how the CIELCh color 74, 16.667, 270.236 looks on a white background.

Color Contrast Check

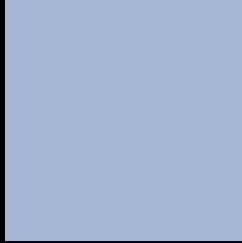
Large Text (above 18pt) WCAG AA × Fail

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, 16.667, 270.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

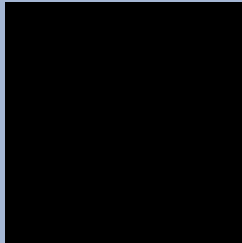
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

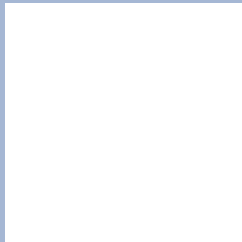
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 16.667, 270.236

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.667, 270.236.



This preview shows how white text looks on a background with the CIELCh color 74, 16.667, 270.236.

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, 16.667, 270.236

Protanopia

74, 16.290, 286.857

Deuteranopia

74, 19.736, 299.067



Tritanopia
74, 10.991, 246.859

Trichromacy



Original Color
74, 16.667, 270.236

Protanomaly
74, 16.467, 280.930

Deuteranomaly
74, 18.438, 289.791

Tritanomaly
74, 12.664, 258.227

Monochromacy



Original Color
74, 16.667, 270.236

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.931, 265.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.667, 270.236 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(165, 183, 212)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 212)  
}
```

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(165, 183, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.667, 270.236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

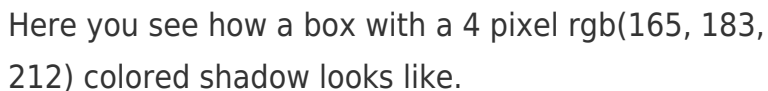
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 183, 212) }
```

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

```
.border{ border-color:rgb(165, 183, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 183, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 183, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 183, 212);  
box-shadow:4px 4px 4px 4px rgb(165, 183,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.667, 270.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 212) }
```

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

```
.background{ background-color: rgb(165,  
183, 212) }
```

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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