

Converting Colors

CIELCh(74, 14.786, 282.138)

Have a look what the booklet for
CIELCh(74, 14.786, 282.138)
contains.

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Color

CIELCh(74, 14.771, 282.127)

Conversions

Conversions Part 1

Format	Color
Hex	AEB5D0
RGB	174, 181, 208
RGB Percent	68%, 71%, 82%
CMY	0.3169, 0.2895, 0.1836
CMYK	0.16, 0.13, 0.00, 0.18
HSL	228°, 27%, 75%
HSV	228°, 16%, 82%
XYZ	45.4645, 46.7039, 66.4131
YIQ	181.9850, -12.8390, 6.9130

Conversions

Conversions Part 2

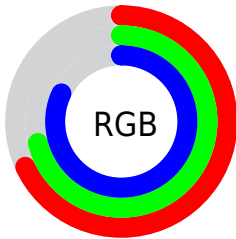
Format	Color
RYB	174, 180, 208
Decimal	11449808
CIELab	74.00, 3.10, -14.44
CIELCh	74, 14.771, 282.127
Yxy	46.7039, 0.2867, 0.2945
Android (android.graphics.Color)	4289639888 (0xFFFAEB5D0)
YUV	181.9850, 12.8254, -7.0028
Hunter-Lab	68.3403, -0.8455, -9.7798

Details

The CIELCh color $74, 14.771, 282.127$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81, 14.518, 98.159$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.533, 276.441$, and $54, 15.148, 282.442$ is the 20% darker color. If you saturate the color by 10%, you get $68, 24.161, 283.669$, and if you desaturate by 10%, it is $80, 5.652, 280.814$.

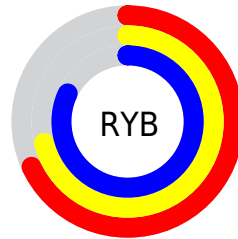
Distribution



Red (68%)

Green (71%)

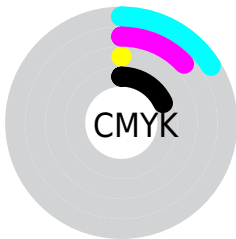
Blue (82%)



Red (68%)

Yellow (71%)

Blue (82%)

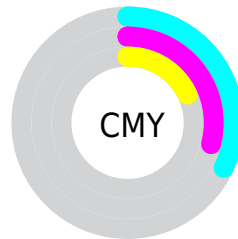


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (29%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.771, 282.127 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, 14.771, 282.127 by changing the saturation by 10% instead.


 74, 14.771,
282.127

 74, 14.771,
282.127


 100, 14.771,
282.127


 64, 14.771,
282.127


 94, 14.771,
282.127

 54, 14.771,
282.127

 44, 14.771,
282.127

 34, 14.771,
282.127

 24, 14.771,
282.127

 14, 14.771,
282.127

 4, 14.771, 282.127

■ 0, 14.771, 282.127

■ 74, 14.771,
282.127

■ 74, 14.771,
282.127

■ 68, 24.161,
283.669

■ 80, 5.652, 280.814

■ 62, 33.850,
285.480

■ 86, 3.211, 99.594

■ 56, 43.867,
287.589

■ 91, 11.836, 98.649

■ 97, 20.080,
100.397

■ 51, 54.239,
290.016

■ 99, 23.638,
108.386

■ 45, 64.966,
292.748

■ 40, 75.951,
295.709

■ 35, 86.882,
298.734

■ 31, 97.090,
301.565

■ 30, 100.486,
302.454

Harmonies

Complementary

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



74, 14.771, 282.127



81, 14.518, 98.159

Rectangle

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



74, 14.771, 282.127



74, 14.771, 332.127



74, 14.771, 102.127



74, 14.771, 152.127

Sweetspot

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



74, 14.770, 282.123



97, 5.253, 280.667



81, 12.723, 180.535



51, 3.586, 280.748



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, 14.770, 282.123



86, 21.439, 282.697



73, 18.868, 302.218



41, 5.100, 281.191



24, 84.666, 302.058



3, 21.954, 287.791

Inverse Universe

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



74, 13.487, 4.381



87, 19.656, 4.843



82, 18.275, 120.213



41, 4.620, 3.615



35, 67.578, 28.587



4, 20.226, 9.939

Previews

White Background



This preview shows how the CIELCh color 74, 14.771, 282.127 looks on a white background.

Color Contrast Check

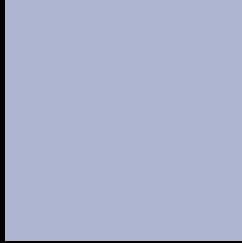
Large Text (above 18pt) WCAG AA × Fail

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, 14.771, 282.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

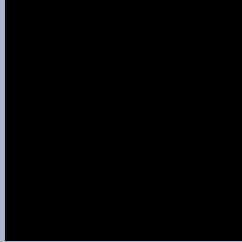
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 14.771, 282.127

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.771, 282.127.



This preview shows how white text looks on a background with the CIELCh color 74, 14.771, 282.127.

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, 14.771, 282.127

Protanopia

74, 15.192, 287.685

Deuteranopia

74, 17.706, 302.071



Tritanopia
74, 8.923, 265.098

Trichromacy



Original Color
74, 14.771, 282.127

Protanomaly
74, 15.212, 286.386

Deuteranomaly
74, 16.320, 295.391

Tritanomaly
74, 11.212, 274.856

Monochromacy



Original Color
74, 14.771, 282.127

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.506, 279.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.771, 282.127 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(174, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 208)  
}
```

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(174, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.771, 282.127 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(174, 181, 208) }
```

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

```
.border{ border-color:rgb(174, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.771, 282.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 208) }
```

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

```
.background{ background-color: rgb(174,  
181, 208) }
```

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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