

Converting Colors

CIELCh(74, 27.302, 293.076)

Have a look what the booklet for
CIELCh(74, 27.302, 293.076)
contains.

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Color

CIELCh(74, 27.105, 292.707)

Conversions

Conversions Part 1

Format	Color
Hex	B2B2E4
RGB	178, 178, 228
RGB Percent	70%, 70%, 89%
CMY	0.3034, 0.3033, 0.1073
CMYK	0.22, 0.22, 0.00, 0.11
HSL	240°, 48%, 79%
HSV	240°, 22%, 89%
XYZ	48.0803, 46.7039, 79.6095
YIQ	183.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

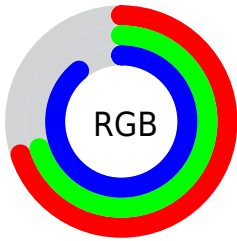
Format	Color
R _Y B	178, 178, 228
Decimal	11711204
CIE Lab	74.00, 10.46, -25.00
CIE LCh	74, 27.105, 292.707
Yxy	46.7039, 0.2757, 0.2678
Android (android.graphics.Color)	4289901284 (0xFFB2B2E4)
YUV	183.7000, 21.8399, -4.9989
Hunter-Lab	68.3403, 5.9868, -21.2286

Details

The CIELCh color $74, 27.105, 292.707$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $89, 25.746, 108.041$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.843, 291.033$, and $54, 27.133, 292.697$ is the 20% darker color. If you saturate the color by 10%, you get $66, 40.296, 294.198$, and if you desaturate by 10%, it is $82, 14.461, 291.441$.

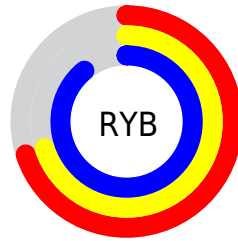
Distribution



Red (70%)

Green (70%)

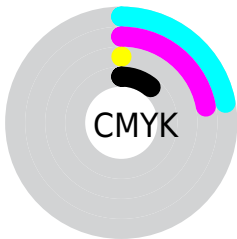
Blue (89%)



Red (70%)

Yellow (70%)

Blue (89%)

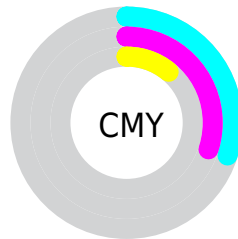


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (30%)


Magenta (30%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 27.105, 292.707 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, 27.105, 292.707 by changing the saturation by 10% instead.


 74, 27.105,
292.707

 74, 27.105,
292.707


 100, 27.105,
292.707


 64, 27.105,
292.707


 94, 27.105,
292.707

 54, 27.105,
292.707

 44, 27.105,
292.707

 34, 27.105,
292.707

 24, 27.105,
292.707

 14, 27.105,
292.707

 4, 27.105, 292.707

■ 0, 27.105, 292.707

■ 74, 27.105,
292.707

■ 74, 27.105,
292.707

■ 66, 40.296,
294.198

■ 82, 14.461,
291.441

■ 59, 54.060,
295.939

■ 89, 2.331, 290.393

■ 52, 68.354,
297.927

■ 96, 9.328, 109.446

■ 99, 13.850,
109.131

■ 45, 82.961,
300.106

■ 38, 97.256,
302.324

■ 33, 109.888,
304.299

■ 30,118.825,
305.680

■ 28,122.803,
306.286

Harmonies

Complementary

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



74, 27.105, 292.707



89, 25.746, 108.041

Rectangle

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



74, 27.105, 292.707



74, 27.105, 342.707



74, 27.105, 112.707



74, 27.105, 162.707

Sweetspot

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



74, 27.103, 292.706



94, 9.194, 290.894



87, 16.841, 196.796



50, 5.980, 290.959



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, 27.103, 292.706



79, 35.500, 293.304



76, 28.336, 309.544



44, 6.880, 291.157



21, 102.385, 306.286



2, 33.674, 296.773

Inverse Universe

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



77, 19.434, 21.021



82, 25.641, 21.465



88, 27.462, 127.466



45, 4.817, 19.924



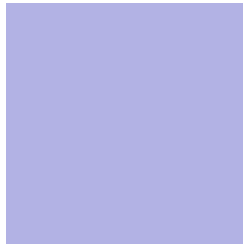
37, 79.978, 39.966



6, 27.104, 21.752

Previews

White Background



This preview shows how the CIELCh color 74, 27.105, 292.707 looks on a white background.

Color Contrast Check

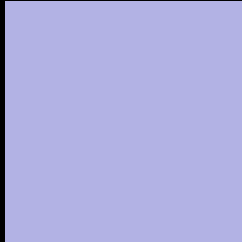
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 27.105, 292.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

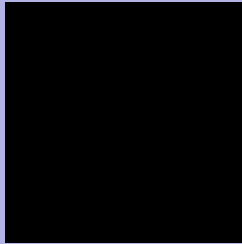
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.105, 292.707

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.105, 292.707.



This preview shows how white text looks on a background with the CIELCh color 74, 27.105, 292.707.

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, 27.105, 292.707

Protanopia

74, 26.646, 285.635

Deuteranopia

74, 27.103, 291.320



Tritanopia
74, 8.923, 265.098

Trichromacy



Original Color
74, 27.105, 292.707

Protanomaly
74, 27.114, 288.558

Deuteranomaly
74, 27.102, 292.013

Tritanomaly
74, 15.303, 282.531

Monochromacy



Original Color
74, 27.105, 292.707

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.750, 291.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.105, 292.707 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(178, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 228)  
}
```

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(178, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.105, 292.707 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(178, 178, 228) }
```

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

```
.border{ border-color:rgb(178, 178, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 178, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 228);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.105, 292.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 228) }
```

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

```
.background{ background-color: rgb(178,  
178, 228) }
```

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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