

Converting Colors

CIELCh(74, 25.396, 296.089)

Have a look what the booklet for
CIELCh(74, 25.396, 296.089)
contains.

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Color

CIELCh(74, 25.587, 296.320)

Conversions

Conversions Part 1

Format	Color
Hex	B6B1E0
RGB	182, 177, 224
RGB Percent	71%, 69%, 88%
CMY	0.2867, 0.3063, 0.1220
CMYK	0.19, 0.21, 0.00, 0.12
HSL	246°, 43%, 79%
HSV	246°, 21%, 88%
XYZ	48.4003, 46.7039, 76.8975
YIQ	183.8530, -12.1070, 15.6770

Conversions

Conversions Part 2

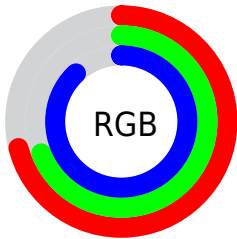
Format	Color
R _Y B	182, 177, 224
Decimal	11973088
CIE Lab	74.00, 11.34, -22.93
CIE LCh	74, 25.587, 296.320
Yxy	46.7039, 0.2814, 0.2715
Android (android.graphics.Color)	4290163168 (0xFFB6B1E0)
YUV	183.8530, 19.7925, -1.6251
Hunter-Lab	68.3403, 6.8226, -18.8758

Details

The CIELCh color $74, 25.587, 296.320$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $88, 24.386, 112.658$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.518, 299.626$, and $54, 26.075, 296.309$ is the 20% darker color. If you saturate the color by 10%, you get $67, 38.555, 297.499$, and if you desaturate by 10%, it is $81, 13.131, 295.305$.

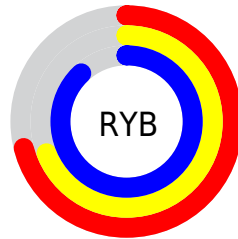
Distribution



Red (71%)

Green (69%)

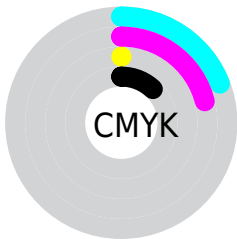
Blue (88%)



Red (71%)

Yellow (69%)

Blue (88%)

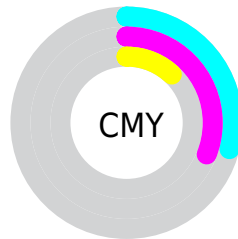


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (29%)


Magenta (31%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 25.587, 296.320 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, 25.587, 296.320 by changing the saturation by 10% instead.


 74, 25.587,
296.320

 74, 25.587,
296.320


 100, 25.587,
296.320


 64, 25.587,
296.320


 94, 25.587,
296.320

 54, 25.587,
296.320

 44, 25.587,
296.320

 34, 25.587,
296.320

 24, 25.587,
296.320

 14, 25.587,
296.320

 4, 25.587, 296.320

0, 25.587, 296.320

74, 25.587,
296.320

74, 25.587,
296.320

67, 38.555,
297.499

81, 13.131,
295.305

60, 52.044,
298.855

88, 1.169, 294.456

53, 65.987,
300.381

96, 10.335,
113.688

46, 80.167,
302.031

99, 15.744,
108.988

39, 94.037,
303.695

34, 106.481,
305.167

■ 30,115.780,
306.167

■ 28,120.676,
306.595

Harmonies

Complementary

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



74, 25.587, 296.320



88, 24.386, 112.658

Rectangle

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



74, 25.587, 296.320



74, 25.587, 346.320



74, 25.587, 116.320



74, 25.587, 166.320

Sweetspot

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



74, 25.585, 296.319



95, 7.895, 294.859



85, 14.433, 208.393



50, 5.243, 294.916



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, 25.585, 296.319



80, 34.158, 296.792



76, 27.289, 313.391



43, 6.778, 295.162



21, 100.695, 306.661



2, 31.806, 298.404

Inverse Universe

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



77, 28.096, 328.684



85, 37.193, 328.935



86, 26.689, 131.556



44, 7.580, 327.988



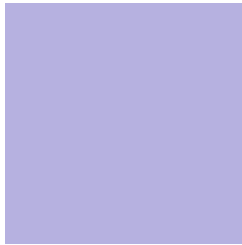
41, 80.514, 332.956



7, 33.443, 332.097

Previews

White Background



This preview shows how the CIELCh color 74, 25.587, 296.320 looks on a white background.

Color Contrast Check

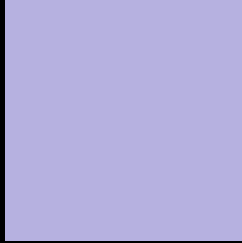
Large Text (above 18pt) WCAG AA × Fail

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, 25.587, 296.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

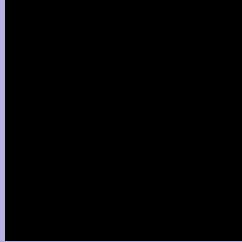
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.587, 296.320

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.587, 296.320.



This preview shows how white text looks on a background with the CIELCh color 74, 25.587, 296.320.

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

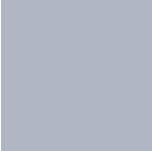
74, 25.587, 296.320

Protanopia

74, 25.012, 285.715

Deuteranopia

74, 24.946, 292.515



Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 25.587, 296.320

Protanomaly
74, 24.933, 289.463

Deuteranomaly
74, 24.953, 293.280

Tritanomaly
74, 14.090, 290.092

Monochromacy



Original Color
74, 25.587, 296.320

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 9.787, 295.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.587, 296.320 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(182, 177, 224)` looks like.

```
.text, #text, p{  
    color:rgb(182, 177, 224)  
}
```

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(182, 177, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 177, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.587, 296.320 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(182, 177, 224) }
```

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

```
.border{ border-color:rgb(182, 177, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 177, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 177, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 177, 224);  
box-shadow:4px 4px 4px 4px rgb(182, 177,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.587, 296.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 177, 224) }
```

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

```
.background{ background-color: rgb(182,  
177, 224) }
```

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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