

Converting Colors

CIELCh(74, 29.425, 291.876)

Have a look what the booklet for
CIELCh(74, 29.425, 291.876)
contains.

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Color

CIELCh(74, 29.259, 291.627)

Conversions

Conversions Part 1

Format	Color
Hex	B0B2E8
RGB	176, 178, 232
RGB Percent	69%, 70%, 91%
CMY	0.3111, 0.3033, 0.0916
CMYK	0.24, 0.23, 0.00, 0.09
HSL	238°, 55%, 80%
HSV	238°, 24%, 91%
XYZ	48.1965, 46.7039, 82.5548
YIQ	183.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

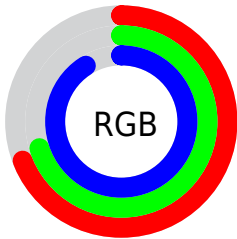
Format	Color
R_{YB}	176, 178, 232
Decimal	11580136
CIE Lab	74.00, 10.78, -27.20
CIE LCh	74, 29.259, 291.627
Yxy	46.7039, 0.2716, 0.2632
Android (android.graphics.Color)	4289770216 (0xFFB0B2E8)
YUV	183.5580, 23.8819, -6.6284
Hunter-Lab	68.3403, 6.2904, -23.7839

Details

The CIELCh color `74, 29.259, 291.627` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `90, 27.746, 106.290`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.853, 287.434`, and `54, 29.427, 291.736` is the 20% darker color. If you saturate the color by 10%, you get `67, 42.230, 293.206`, and if you desaturate by 10%, it is `81, 16.813, 290.283`.

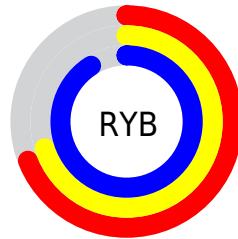
Distribution



Red (69%)

Green (70%)

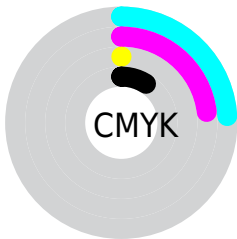
Blue (91%)



Red (69%)

Yellow (70%)

Blue (91%)

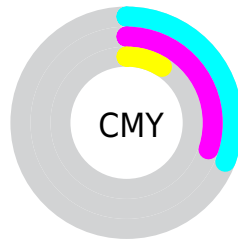


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (31%)


Magenta (30%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.259, 291.627 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, 29.259, 291.627 by changing the saturation by 10% instead.

 74, 29.259,
291.627

 74, 29.259,
291.627


 100, 29.259,
291.627


 64, 29.259,
291.627


 94, 29.259,
291.627

 54, 29.259,
291.627

 44, 29.259,
291.627

 34, 29.259,
291.627

 24, 29.259,
291.627

 14, 29.259,
291.627

 4, 29.259, 291.627

■ 0, 29.259, 291.627

■ 74, 29.259,
291.627

■ 74, 29.259,
291.627

■ 67, 42.230,
293.206

■ 81, 16.813,
290.283

■ 59, 55.755,
295.047

■ 89, 4.858, 289.155

■ 52, 69.795,
297.146

■ 96, 6.645, 108.154

■ 45, 84.150,
299.445

■ 99, 11.820,
109.284

■ 39, 98.232,
301.790

■ 34, 110.776,
303.906

■ 31, 119.866,
305.451

■ 29, 122.974,
305.962

Harmonies

Complementary

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



74, 29.259, 291.627



90, 27.746, 106.290

Rectangle

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



74, 29.259, 291.627



74, 29.259, 341.627



74, 29.259, 111.627



74, 29.259, 161.627

Sweetspot

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



74, 29.257, 291.626



94, 8.861, 289.456



88, 18.811, 193.680



50, 5.763, 289.522



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, 29.257, 291.626



77, 38.342, 292.382



76, 31.557, 308.537



44, 6.629, 289.724



21, 100.732, 305.838



3, 32.837, 296.087

Inverse Universe

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



77, 21.805, 18.483



81, 28.786, 19.087



89, 30.404, 126.143



45, 4.817, 17.035



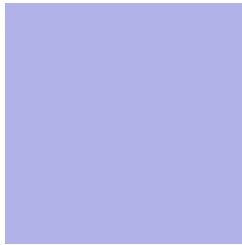
37, 78.419, 38.504



6, 26.988, 20.283

Previews

White Background



This preview shows how the CIELCh color 74, 29.259, 291.627 looks on a white background.

Color Contrast Check

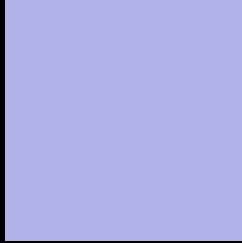
Large Text (above 18pt) WCAG AA × Fail

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, 29.259, 291.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

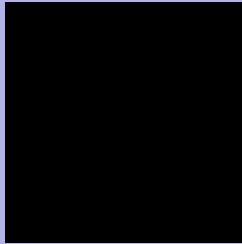
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 29.259, 291.627

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.259, 291.627.



This preview shows how white text looks on a background with the CIELCh color 74, 29.259, 291.627.

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, 29.259, 291.627

Protanopia

74, 28.843, 285.172

Deuteranopia

74, 28.741, 289.620



Tritanopia
74, 9.128, 255.522

Trichromacy



Original Color
74, 29.259, 291.627

Protanomaly
74, 29.298, 287.851

Deuteranomaly
74, 28.731, 290.262

Tritanomaly
74, 15.527, 277.551

Monochromacy



Original Color
74, 29.259, 291.627

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.833, 289.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.259, 291.627 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(176, 178, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 232)  
}
```

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(176, 178, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.259, 291.627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

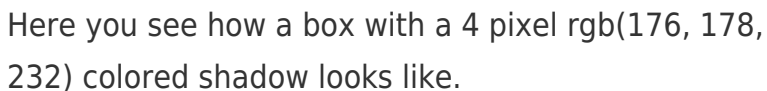
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 178, 232) }
```

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

```
.border{ border-color:rgb(176, 178, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 178, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 178, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 178, 232); box-shadow:4px 4px 4px 4px rgb(176, 178, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.259, 291.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 232) }
```

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

```
.background{ background-color: rgb(176,  
178, 232) }
```

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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