

Converting Colors

CIELCh(74, 9.643, 290.363)

Have a look what the booklet for
CIELCh(74, 9.643, 290.363) contains.

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Color

CIELCh(74, 9.211, 288.835)

Conversions

Conversions Part 1

Format	Color
Hex	B4B5C6
RGB	180, 181, 198
RGB Percent	71%, 71%, 78%
CMY	0.2950, 0.2910, 0.2244
CMYK	0.09, 0.09, 0.00, 0.22
HSL	237°, 14%, 74%
HSV	237°, 9%, 78%
XYZ	45.4194, 46.7039, 59.9141
YIQ	182.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

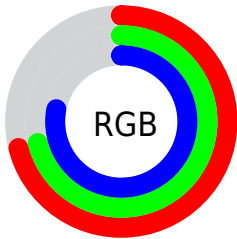
Format	Color
R _Y B	180, 181, 198
Decimal	11843014
CIE Lab	74.00, 2.97, -8.72
CIE LCh	74, 9.211, 288.835
Yxy	46.7039, 0.2987, 0.3072
Android (android.graphics.Color)	4290033094 (0xFFB4B5C6)
YUV	182.6390, 7.5730, -2.3144
Hunter-Lab	68.3403, -0.9633, -4.1415

Details

The CIELCh color $74, 9.211, 288.835$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 9.036, 106.937$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.274, 288.791$, and $54, 9.234, 288.974$ is the 20% darker color. If you saturate the color by 10%, you get $68, 19.694, 290.063$, and if you desaturate by 10%, it is $80, 0.884, 107.668$.

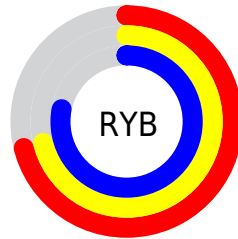
Distribution



Red (71%)

Green (71%)

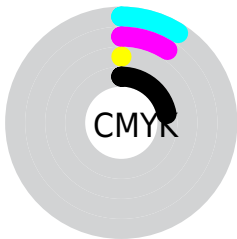
Blue (78%)



Red (71%)

Yellow (71%)

Blue (78%)

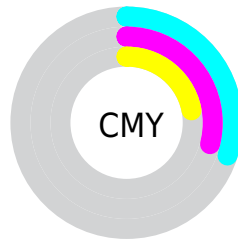


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.211, 288.835 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, 9.211, 288.835 by changing the saturation by 10% instead.

■ 74, 9.211, 288.835

■ 74, 9.211, 288.835

■ 100, 9.211,
288.835

■ 64, 9.211, 288.835

■ 94, 9.211, 288.835

■ 54, 9.211, 288.835

■ 44, 9.211, 288.835

■ 34, 9.211, 288.835

■ 24, 9.211, 288.835

■ 14, 9.211, 288.835

■ 4, 9.211, 288.835

■ 0, 9.211, 288.835

■ 74, 9.211, 288.835

■ 74, 9.211, 288.835

68, 19.694,
290.063

80, 0.884, 107.668

61, 30.602,
291.517

87, 10.617,
106.857

55, 41.965,
293.220

93, 20.014,
106.090

48, 53.793,
295.187

99, 28.841,
107.986

42, 66.028,
297.402

37, 78.431,
299.784

31, 90.376,
302.148

27, 100.637,
304.200

25, 107.633,

Harmonies

Complementary

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



74, 9.211, 288.835



79, 9.036, 106.937

Rectangle

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



74, 9.211, 288.835



74, 9.211, 338.835



74, 9.211, 108.835



74, 9.211, 158.835

Sweetspot

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



74, 9.209, 288.829



98, 3.698, 288.189



78, 6.509, 193.319



52, 2.805, 288.268



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, 9.209, 288.829



91, 13.734, 289.067



74, 10.188, 307.133



39, 5.769, 288.861



19, 93.171, 305.511



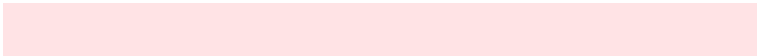
2, 20.663, 290.311

Inverse Universe

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



75, 6.836, 15.387



92, 10.233, 15.576



79, 10.036, 126.290



39, 4.284, 15.413



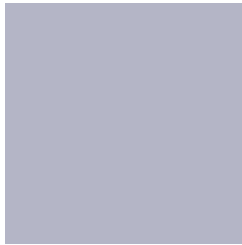
34, 72.437, 37.481



3, 15.916, 16.516

Previews

White Background



This preview shows how the CIELCh color 74, 9.211, 288.835 looks on a white background.

Color Contrast Check

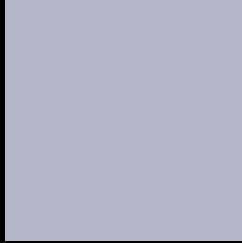
Large Text (above 18pt) WCAG AA × Fail

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, 9.211, 288.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

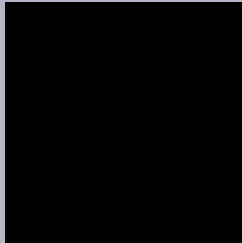
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

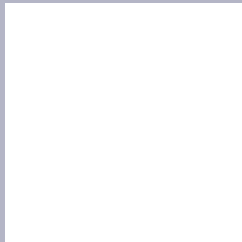
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.211, 288.835

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.211, 288.835.

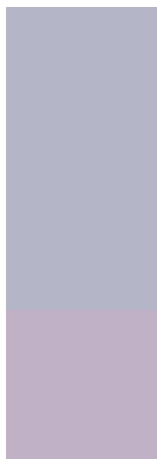


This preview shows how white text looks on a background with the CIELCh color 74, 9.211, 288.835.

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, 9.211, 288.835

Protanopia

74, 9.211, 288.835

Deuteranopia

74, 13.166, 315.602



Tritanopia

74, 7.608, 285.486

Trichromacy



Original Color
74, 9.211, 288.835

Protanomaly
74, 9.211, 288.835

Deuteranomaly
74, 11.995, 308.707

Tritanomaly
74, 8.147, 285.908

Monochromacy



Original Color
74, 9.211, 288.835

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.268, 284.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.211, 288.835 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(180, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 181, 198)  
}
```

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(180, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 181, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.211, 288.835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

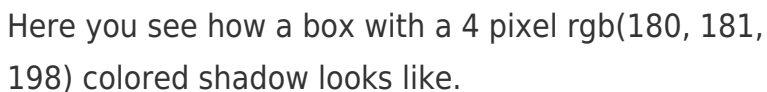
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 181, 198) }
```

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

```
.border{ border-color:rgb(180, 181, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 181, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 181, 198); box-shadow:4px 4px 4px 4px rgb(180, 181, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.211, 288.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 181, 198) }
```

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

```
.background{ background-color: rgb(180,  
181, 198) }
```

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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