

Converting Colors

CIELCh(74, 5.421, 290.704)

Have a look what the booklet for
CIELCh(74, 5.421, 290.704) contains.

CIELCh(74, 5.421, 290.705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 5.421, 290.705)

Conversions

Conversions Part 1

Format	Color
Hex	B5B5BF
RGB	181, 181, 191
RGB Percent	71%, 71%, 75%
CMY	0.2897, 0.2897, 0.2505
CMYK	0.05, 0.05, 0.00, 0.25
HSL	240°, 7%, 73%
HSV	240°, 5%, 75%
XYZ	45.0519, 46.7039, 56.0028
YIQ	182.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

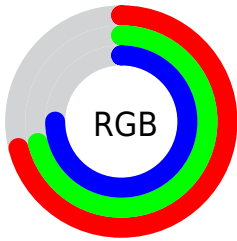
Format	Color
RYB	181, 181, 191
Decimal	11908543
CIELab	74.00, 1.92, -5.07
CIELCh	74, 5.421, 290.705
Yxy	46.7039, 0.3049, 0.3161
Android (android.graphics.Color)	4290098623 (0xFFB5B5BF)
YUV	182.1400, 4.3680, -0.9998
Hunter-Lab	68.3403, -1.9231, -0.7482

Details

The CIELCh color `74, 5.421, 290.705` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 5.342, 109.658`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.156, 290.594`, and `54, 5.773, 290.893` is the 20% darker color. If you saturate the color by 10%, you get `67, 16.078, 291.805`, and if you desaturate by 10%, it is `80, 4.824, 109.720`.

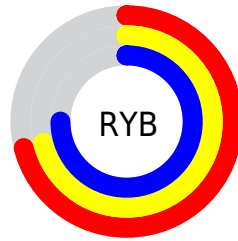
Distribution



Red (71%)

Green (71%)

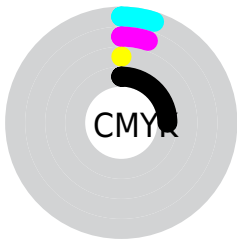
Blue (75%)



Red (71%)

Yellow (71%)

Blue (75%)

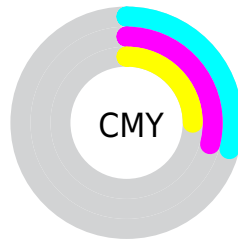


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.421, 290.705 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, 5.421, 290.705 by changing the saturation by 10% instead.

■ 74, 5.421, 290.705

■ 74, 5.421, 290.705

■ 100, 5.421,
290.705

■ 64, 5.421, 290.705

■ 94, 5.421, 290.705

■ 54, 5.421, 290.705

■ 44, 5.421, 290.705

■ 34, 5.421, 290.705

■ 24, 5.421, 290.705

■ 14, 5.421, 290.705

■ 4, 5.421, 290.705

■ 0, 5.421, 290.705

■ 74, 5.421, 290.705

■ 74, 5.421, 290.705

67, 16.078,
291.805

80, 4.824, 109.720

61, 27.187,
293.122

87, 14.684,
108.922

54, 38.776,
294.669

93, 24.187,
108.234

48, 50.853,
296.462

99, 32.151,
107.731

42, 63.356,
298.489

36, 76.031,
300.674

31, 88.211,
302.839

26, 98.578,
304.684

24, 105.373,

305.878

Harmonies

Complementary

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



74, 5.421, 290.705



77, 5.342, 109.658

Rectangle

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



74, 5.421, 290.705



74, 5.421, 340.705



74, 5.421, 110.705



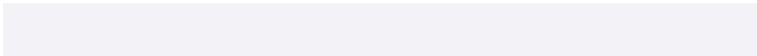
74, 5.421, 160.705

Sweetspot

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



74, 5.419, 290.694



96, 2.545, 290.391



77, 3.644, 197.854



51, 1.459, 290.383



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 5.419, 290.694



93, 7.673, 290.782



74, 5.722, 308.696



38, 4.075, 290.828



18, 93.601, 306.283



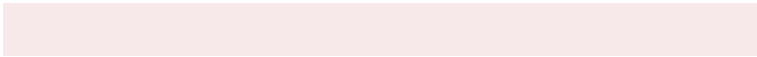
1, 17.435, 290.630

Inverse Universe

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



75, 3.761, 19.556



93, 5.334, 19.632



77, 5.666, 128.274



38, 2.836, 19.670



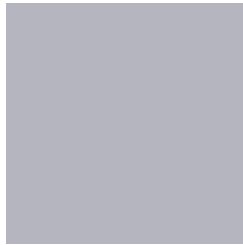
32, 72.792, 39.653



3, 12.251, 19.388

Previews

White Background



This preview shows how the CIELCh color 74, 5.421, 290.705 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, 5.421, 290.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

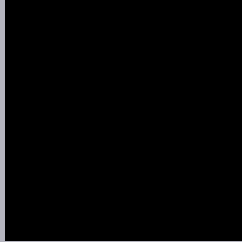
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

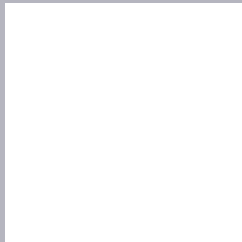
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.421, 290.705

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.421, 290.705.

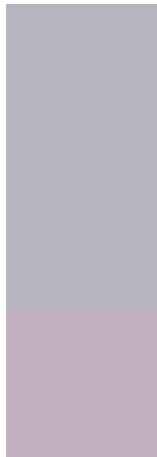


This preview shows how white text looks on a background with the CIELCh color 74, 5.421, 290.705.

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, 5.421, 290.705

Protanopia

74, 5.438, 294.544

Deuteranopia

74, 11.194, 329.657



Tritanopia
74, 7.600, 293.627

Trichromacy



Original Color
74, 5.421, 290.705

Protanomaly
74, 5.438, 294.544

Deuteranomaly
74, 8.819, 320.802

Tritanomaly
74, 7.059, 293.792

Monochromacy



Original Color
74, 5.421, 290.705

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.631, 290.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.421, 290.705 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(181, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 191)  
}
```

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(181, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.421, 290.705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

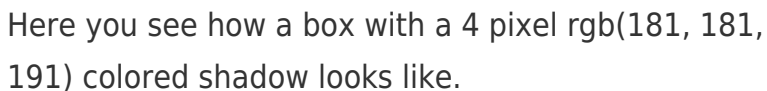
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 181, 191) }
```

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

```
.border{ border-color:rgb(181, 181, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 181, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 181, 191); box-shadow:4px 4px 4px 4px rgb(181, 181, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.421, 290.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 191) }
```

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

```
.background{ background-color: rgb(181,  
181, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor