

Converting Colors

CIELCh(74, 7.180, 314.905)

Have a look what the booklet for
CIELCh(74, 7.180, 314.905) contains.

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Color

CIELCh(74, 7.172, 314.903)

Conversions

Conversions Part 1

Format	Color
Hex	BBB3BF
RGB	187, 179, 191
RGB Percent	73%, 70%, 75%
CMY	0.2657, 0.2971, 0.2500
CMYK	0.02, 0.06, 0.00, 0.25
HSL	280°, 9%, 73%
HSV	280°, 6%, 75%
XYZ	46.1515, 46.7039, 56.0123
YIQ	182.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

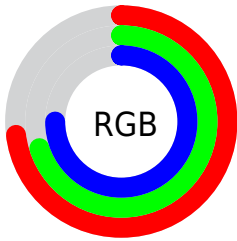
Format	Color
RYB	187, 179, 191
Decimal	12301247
CIELab	74.00, 5.06, -5.08
CIELCh	74, 7.172, 314.903
Yxy	46.7039, 0.3100, 0.3137
Android (android.graphics.Color)	4290491327 (0xFFBBB3BF)
YUV	182.7600, 4.0623, 3.7185
Hunter-Lab	68.3403, 0.9489, -0.7564

Details

The CIELCh color $74, 7.172, 314.903$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 7.118, 134.431$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 6.825, 314.841$, and $54, 7.632, 315.000$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.797, 315.340$, and if you desaturate by 10%, it is $79, 4.189, 134.561$.

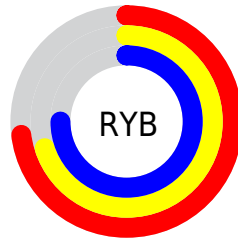
Distribution



Red (73%)

Green (70%)

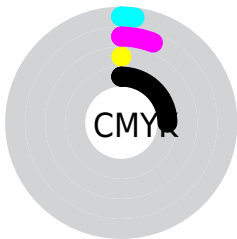
Blue (75%)



Red (73%)

Yellow (70%)

Blue (75%)

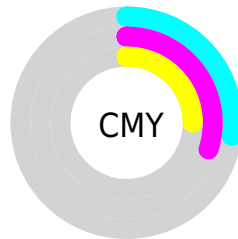


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.172, 314.903 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, 7.172, 314.903 by changing the saturation by 10% instead.

■ 74, 7.172, 314.903

■ 74, 7.172, 314.903

■ 100, 7.172,
314.903

■ 64, 7.172, 314.903

■ 94, 7.172, 314.903

■ 54, 7.172, 314.903

■ 44, 7.172, 314.903

■ 34, 7.172, 314.903

■ 24, 7.172, 314.903

■ 14, 7.172, 314.903

■ 4, 7.172, 314.903

■ 0, 7.172, 314.903

■ 74, 7.172, 314.903

■ 74, 7.172, 314.903

69, 18.797,
315.340

79, 4.189, 134.561

63, 30.620,
315.781

85, 15.244,
134.159

58, 42.514,
316.217

90, 25.981,
133.812

53, 54.272,
316.624

96, 35.960,
133.389

48, 65.575,
316.967

96, 34.967,
130.093

44, 75.966,
317.194

97, 34.094,
126.560

40, 84.857,
317.242

97, 33.359,
122.800

37, 91.617,
317.039

97, 32.778,
118.837

35, 95.827,

98, 32.367,
114.704

316.526

Harmonies

Complementary

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



74, 7.172, 314.903



77, 7.118, 134.431

Rectangle

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



74, 7.172, 314.903



74, 7.172, 4.903



74, 7.172, 134.903



74, 7.172, 184.903

Sweetspot

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



74, 7.170, 314.900



96, 2.809, 314.678



74, 4.462, 270.623



52, 1.610, 314.671



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, 7.170, 314.900



92, 11.288, 314.983



74, 7.119, 329.173



37, 6.427, 315.036



28, 84.243, 316.450



2, 18.742, 311.197

Inverse Universe

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



74, 5.005, 354.173



92, 7.891, 354.372



76, 7.098, 148.500



37, 4.497, 354.500



33, 60.284, 17.301



3, 12.976, 0.921

Previews

White Background



This preview shows how the CIELCh color 74, 7.172, 314.903 looks on a white background.

Color Contrast Check

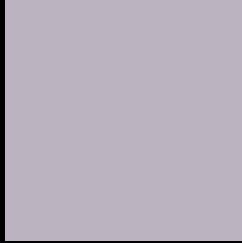
Large Text (above 18pt) WCAG AA × Fail

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, 7.172, 314.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

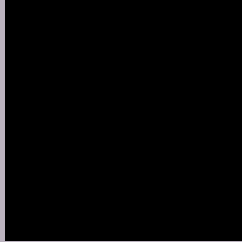
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

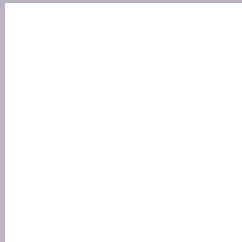
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.172, 314.903

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.172, 314.903.



This preview shows how white text looks on a background with the CIELCh color 74, 7.172, 314.903.

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, 7.172, 314.903

Protanopia

74, 5.978, 294.239

Deuteranopia

74, 10.536, 329.918



Tritanopia
74, 8.310, 314.175

Trichromacy



Original Color
74, 7.172, 314.903

Protanomaly
74, 6.689, 303.380

Deuteranomaly
74, 9.213, 324.811

Tritanomaly
74, 7.818, 315.746

Monochromacy



Original Color
74, 7.172, 314.903

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.451, 317.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.172, 314.903 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(187, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 179, 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(187, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 179, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.172, 314.903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

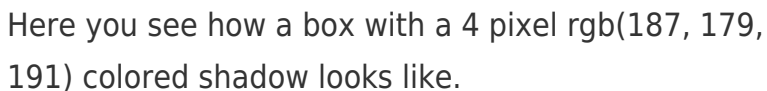
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 179, 191) }
```

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

```
.border{ border-color:rgb(187, 179, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 179,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.172, 314.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 179, 191) }
```

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

```
.background{ background-color: rgb(187,  
179, 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](#).

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