

Converting Colors

CIELCh(71, 4.890, 314.049)

Have a look what the booklet for
CIELCh(71, 4.890, 314.049) contains.

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Color

CIELCh(71, 4.775, 313.461)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACB4
RGB	177, 172, 180
RGB Percent	69%, 67%, 71%
CMY	0.3056, 0.3252, 0.2938
CMYK	0.02, 0.04, 0.00, 0.29
HSL	277°, 5%, 69%
HSV	277°, 4%, 71%
XYZ	41.1608, 42.1875, 49.1933
YIQ	174.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

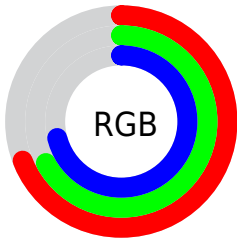
Format	Color
RYB	177, 172, 180
Decimal	11644084
CIELab	71.00, 3.28, -3.47
CIELCh	71, 4.775, 313.461
Yxy	42.1875, 0.3106, 0.3183
Android (android.graphics.Color)	4289834164 (0xFFB1ACB4)
YUV	174.4070, 2.7573, 2.2741
Hunter-Lab	64.9519, -0.5482, 0.5613

Details

The CIELCh color $71, 4.775, 313.461$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.738, 133.158$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.159, 314.789$, and $51, 4.401, 311.722$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.696, 313.900$, and if you desaturate by 10%, it is $76, 5.875, 133.118$.

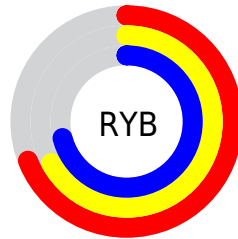
Distribution



Red (69%)

Green (67%)

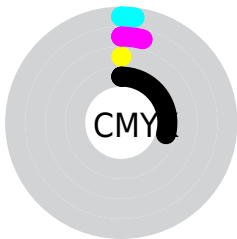
Blue (71%)



Red (69%)

Yellow (67%)

Blue (71%)

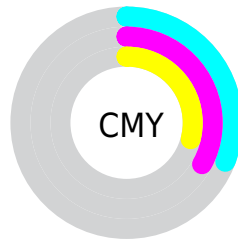


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.775, 313.461 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 71, 4.775, 313.461 by changing the saturation by 10% instead.

■ 71, 4.775, 313.461

■ 71, 4.775, 313.461

■ 100, 4.775,
313.461

■ 61, 4.775, 313.461

■ 91, 4.775, 313.461

■ 51, 4.775, 313.461

■ 41, 4.775, 313.461

■ 31, 4.775, 313.461

■ 21, 4.775, 313.461

■ 11, 4.775, 313.461

■ 1, 4.775, 313.461

■ 0, 4.775, 313.461

■ 71, 4.775, 313.461

■ 71, 4.775, 313.461

66, 15.696,
313.900

76, 5.875, 133.118

61, 26.842,
314.347

82, 16.225,
132.740

55, 38.118,
314.797

87, 26.271,
132.407

51, 49.360,
315.231

92, 36.017,
132.111

46, 60.307,
315.614

95, 41.351,
130.772

42, 70.567,
315.897

96, 40.370,
127.655

38, 79.604,
316.016

96, 39.512,
124.336

35, 86.790,
315.891

97, 38.796,
120.829

32, 91.576,

97, 38.236,
117.155

315.445

Harmonies

Complementary

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



71, 4.775, 313.461



73, 4.738, 133.158

Rectangle

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



71, 4.775, 313.461



71, 4.775, 3.461



71, 4.775, 133.461



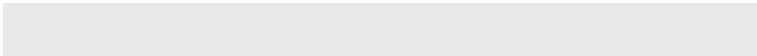
71, 4.775, 183.461

Sweetspot

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



71, 4.773, 313.457



92, 1.335, 313.215



71, 2.904, 267.566



49, 0.758, 313.206



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 4.773, 313.457



90, 6.667, 313.487



71, 4.907, 327.984



36, 3.630, 313.510



26, 82.901, 315.259



2, 14.184, 309.562

Inverse Universe

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



71, 3.445, 351.242



90, 4.814, 351.316



73, 4.890, 147.577



36, 2.622, 351.372



32, 58.106, 13.203



2, 9.983, 356.674

Previews

White Background



This preview shows how the CIELCh color 71, 4.775, 313.461 looks on a white background.

Color Contrast Check

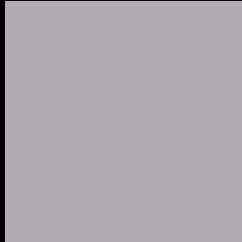
Large Text (above 18pt) WCAG AA × Fail

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 71, 4.775, 313.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

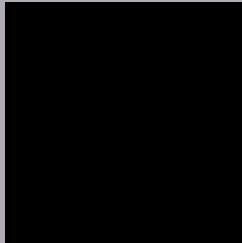
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

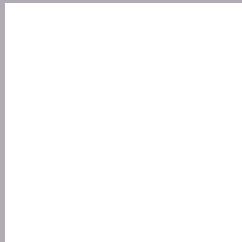
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.775, 313.461

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.775, 313.461.

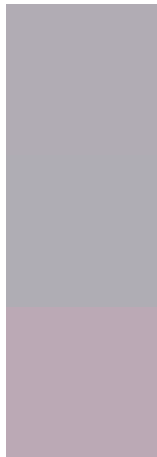


This preview shows how white text looks on a background with the CIELCh color 71, 4.775, 313.461.

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

71, 4.775, 313.461

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 9.433, 336.304



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 4.775, 313.461

Protanomaly
71, 4.000, 306.694

Deuteranomaly
71, 7.759, 329.352

Tritanomaly
71, 7.086, 312.177

Monochromacy



Original Color
71, 4.775, 313.461

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.816, 314.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.775, 313.461 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(177, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 180)  
}
```

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(177, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.775, 313.461 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(177, 172, 180) }
```

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

```
.border{ border-color:rgb(177, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.775, 313.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 180) }
```

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

```
.background{ background-color: rgb(177,  
172, 180) }
```

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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