

Converting Colors

CIELCh(71, 9.746, 291.137)

Have a look what the booklet for
CIELCh(71, 9.746, 291.137) contains.

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Color

CIELCh(71, 9.842, 291.152)

Conversions

Conversions Part 1

Format	Color
Hex	ACACBE
RGB	172, 172, 190
RGB Percent	67%, 67%, 75%
CMY	0.3241, 0.3241, 0.2535
CMYK	0.09, 0.09, 0.00, 0.25
HSL	240°, 12%, 71%
HSV	240°, 9%, 75%
XYZ	41.2480, 42.1875, 54.8942
YIQ	174.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

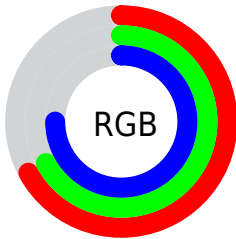
Format	Color
R _Y B	172, 172, 190
Decimal	11316414
CIE Lab	71.00, 3.55, -9.18
CIE LCh	71, 9.842, 291.152
Yxy	42.1875, 0.2982, 0.3050
Android (android.graphics.Color)	4289506494 (0xFFACACBE)
YUV	174.0520, 7.8624, -1.7996
Hunter-Lab	64.9519, -0.3086, -4.6427

Details

The CIELCh color $71, 9.842, 291.152$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 9.627, 109.267$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 9.867, 290.976$, and $51, 9.922, 291.445$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.652, 292.342$, and if you desaturate by 10%, it is $77, 0.543, 110.009$.

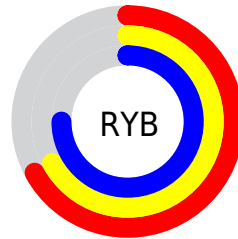
Distribution



Red (67%)

Green (67%)

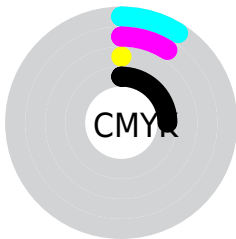
Blue (75%)



Red (67%)

Yellow (67%)

Blue (75%)

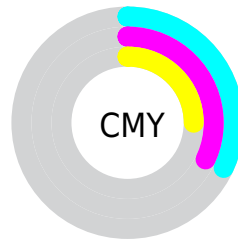


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.842, 291.152 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, 9.842, 291.152 by changing the saturation by 10% instead.

■ 71, 9.842, 291.152

■ 71, 9.842, 291.152

■ 100, 9.842,
291.152

■ 61, 9.842, 291.152

■ 91, 9.842, 291.152

■ 51, 9.842, 291.152

■ 41, 9.842, 291.152

■ 31, 9.842, 291.152

■ 21, 9.842, 291.152

■ 11, 9.842, 291.152

■ 1, 9.842, 291.152

■ 0, 9.842, 291.152

■ 71, 9.842, 291.152

■ 71, 9.842, 291.152

65, 20.652,
292.342

77, 0.543, 110.009

58, 31.927,
293.753

84, 10.531,
109.254

52, 43.687,
295.402

90, 20.152,
108.521

45, 55.922,
297.297

97, 29.434,
107.892

39, 68.507,
299.404

99, 32.527,
107.702

33, 81.050,
301.608

28, 92.631,
303.679

25, 101.669,
305.284

23, 107.132,

Harmonies

Complementary

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



71, 9.842, 291.152



77, 9.627, 109.267

Rectangle

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



71, 9.842, 291.152



71, 9.842, 341.152



71, 9.842, 111.152



71, 9.842, 161.152

Sweetspot

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



71, 9.840, 291.147



95, 3.820, 290.489



76, 6.502, 197.546



51, 2.922, 290.566



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 9.840, 291.147



89, 14.204, 291.338



72, 10.368, 308.901



36, 5.853, 291.135



18, 93.612, 306.286



1, 17.438, 290.636

Inverse Universe

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



72, 6.888, 19.920



90, 9.976, 20.055



76, 10.223, 128.075



37, 4.096, 19.911



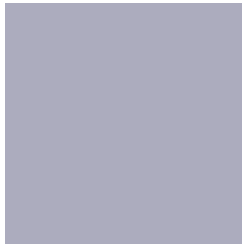
32, 72.800, 39.661



3, 12.251, 19.400

Previews

White Background



This preview shows how the CIELCh color 71, 9.842, 291.152 looks on a white background.

Color Contrast Check

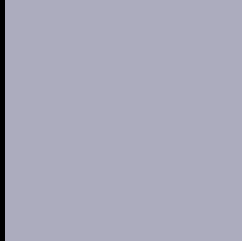
Large Text (above 18pt) WCAG AA × Fail

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, 9.842, 291.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

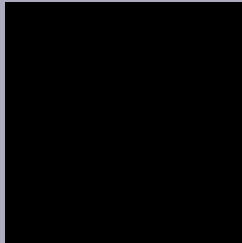
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

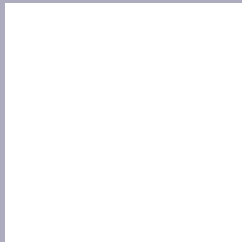
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.842, 291.152

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.842, 291.152.



This preview shows how white text looks on a background with the CIELCh color 71, 9.842, 291.152.

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, 9.842, 291.152

Protanopia

71, 9.288, 288.875

Deuteranopia

71, 13.127, 314.151



Tritanopia
71, 7.652, 288.223

Trichromacy



Original Color
71, 9.842, 291.152

Protanomaly
71, 9.288, 288.875

Deuteranomaly
71, 11.989, 307.062

Tritanomaly
71, 8.197, 288.462

Monochromacy



Original Color
71, 9.842, 291.152

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.829, 290.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.842, 291.152 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(172, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 190)  
}
```

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(172, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.842, 291.152 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(172, 172, 190) }
```

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

```
.border{ border-color:rgb(172, 172, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.842, 291.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 190) }
```

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

```
.background{ background-color: rgb(172,  
172, 190) }
```

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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