

Converting Colors

CIELCh(71, 3.447, 271.815)

Have a look what the booklet for
CIELCh(71, 3.447, 271.815) contains.

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Color

CIELCh(71, 3.444, 271.812)

Conversions

Conversions Part 1	
Format	Color
Hex	ABAEB4
RGB	171, 174, 180
RGB Percent	67%, 68%, 71%
CMY	0.3297, 0.3179, 0.2944
CMYK	0.05, 0.03, 0.00, 0.29
HSL	220°, 6%, 69%
HSV	220°, 5%, 71%
XYZ	40.1329, 42.1875, 49.1706
YIQ	173.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

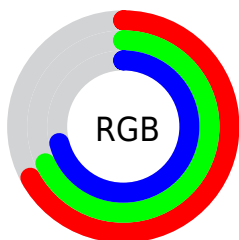
Format	Color
RYB	171, 173, 180
Decimal	11251380
CIELab	71.00, 0.11, -3.44
CIELCh	71, 3.444, 271.812
Yxy	42.1875, 0.3052, 0.3208
Android (android.graphics.Color)	4289441460 (0xFFABAEB4)
YUV	173.7870, 3.0630, -2.4442
Hunter-Lab	64.9519, -3.3731, 0.5820

Details

The CIELCh color $71, 3.444, 271.812$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.432, 90.428$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 3.769, 274.288$, and $51, 3.124, 268.491$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.391, 273.142$, and if you desaturate by 10%, it is $76, 3.396, 90.452$.

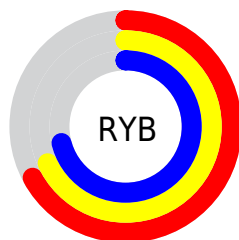
Distribution



Red (67%)

Green (68%)

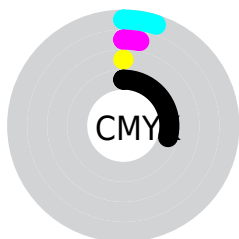
Blue (71%)



Red (67%)

Yellow (68%)

Blue (71%)

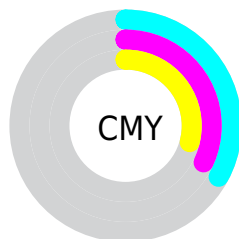


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.444, 271.812 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, 3.444, 271.812 by changing the saturation by 10% instead.

 71, 3.444, 271.812  71, 3.444, 271.812

 100, 3.444,
271.812  61, 3.444, 271.812

 91, 3.444, 271.812  51, 3.444, 271.812

 41, 3.444, 271.812

 31, 3.444, 271.812

 21, 3.444, 271.812

 11, 3.444, 271.812

 1, 3.444, 271.812

 0, 3.444, 271.812

 71, 3.444, 271.812  71, 3.444, 271.812

66, 10.391,
273.142

76, 3.396, 90.452

62, 17.448,
274.762

80, 10.126, 89.452

57, 24.621,
276.662

85, 16.745, 88.550

53, 31.921,
278.881

93, 28.864, 91.352

48, 39.371,
281.455

96, 33.573,
101.508

44, 47.001,
284.399

98, 37.680,
107.304

40, 54.841,
287.687

36, 62.887,
291.225

32, 71.040,

294.839

Harmonies

Complementary

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



71, 3.444, 271.812



72, 3.432, 90.428

Rectangle

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



71, 3.444, 271.812



71, 3.444, 321.812



71, 3.444, 91.812



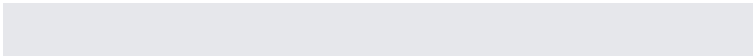
71, 3.444, 141.812

Sweetspot

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



71, 3.443, 271.787



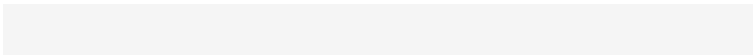
92, 1.710, 271.506



73, 3.772, 172.258



49, 0.971, 271.501



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, 3.443, 271.787



90, 5.126, 271.919



70, 4.963, 296.433



36, 2.713, 271.971



26, 65.749, 296.037



2, 10.131, 276.718

Inverse Universe

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



71, 3.789, 354.011



89, 5.649, 354.135



73, 4.897, 115.694



36, 2.991, 354.181



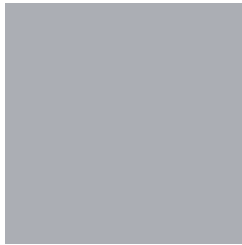
32, 58.808, 17.111



2, 9.821, 358.958

Previews

White Background



This preview shows how the CIELCh color 71, 3.444, 271.812 looks on a white background.

Color Contrast Check

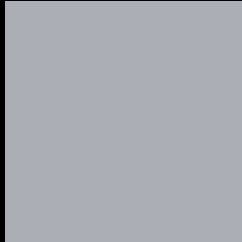
Large Text (above 18pt) WCAG AA × Fail

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, 3.444, 271.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

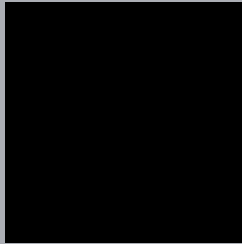
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 3.444, 271.812

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.444, 271.812.



This preview shows how white text looks on a background with the CIELCh color 71, 3.444, 271.812.

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, 3.444, 271.812

Protanopia

71, 3.375, 303.210

Deuteranopia


71, 10.086, 335.598



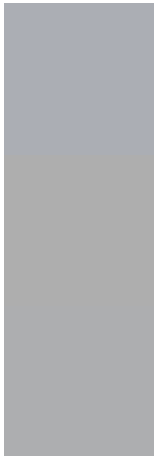
Tritanopia

71, 7.652, 288.223

Trichromacy

	Original Color 71, 3.444, 271.812
	Protanomaly 71, 3.309, 296.945
	Deuteranomaly 71, 7.313, 324.738
	Tritanomaly 71, 6.017, 287.302

Monochromacy

	Original Color 71, 3.444, 271.812
	Achromatopsia 71, 0.009, 296.813
	Achromatomaly 71, 1.155, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.444, 271.812 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(171, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 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(171, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.444, 271.812 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(171, 174, 180) }
```

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

```
.border{ border-color:rgb(171, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.444, 271.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 180) }
```

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

```
.background{ background-color: rgb(171,  
174, 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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