

Converting Colors

CIELCh(71, 5.884, 283.828)

Have a look what the booklet for
CIELCh(71, 5.884, 283.828) contains.

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Color

CIELCh(71, 6.044, 283.852)

Conversions

Conversions Part 1

Format	Color
Hex	ABADB8
RGB	171, 173, 184
RGB Percent	67%, 68%, 72%
CMY	0.3281, 0.3202, 0.2771
CMYK	0.07, 0.06, 0.00, 0.28
HSL	231°, 8%, 70%
HSV	231°, 7%, 72%
XYZ	40.5639, 42.1875, 51.5398
YIQ	173.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

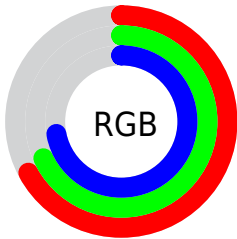
Format	Color
R _Y B	171, 173, 184
Decimal	11251128
CIE Lab	71.00, 1.45, -5.87
CIE LCh	71, 6.044, 283.852
Yxy	42.1875, 0.3021, 0.3141
Android (android.graphics.Color)	4289441208 (0xFFABADB8)
YUV	173.6560, 5.0996, -2.3293
Hunter-Lab	64.9519, -2.1886, -1.5807

Details

The CIELCh color $71, 6.044, 283.852$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.971, 102.253$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.258, 284.306$, and $51, 5.870, 283.373$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.833, 285.107$, and if you desaturate by 10%, it is $77, 2.472, 102.674$.

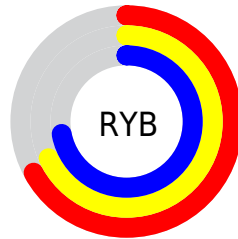
Distribution



Red (67%)

Green (68%)

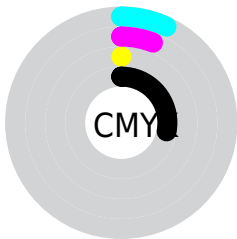
Blue (72%)



Red (67%)

Yellow (68%)

Blue (72%)

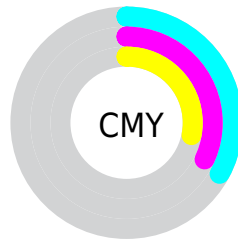


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.044, 283.852 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, 6.044, 283.852 by changing the saturation by 10% instead.

■ 71, 6.044, 283.852

■ 71, 6.044, 283.852

■ 100, 6.044,
283.852

■ 61, 6.044, 283.852

■ 91, 6.044, 283.852

■ 51, 6.044, 283.852

■ 41, 6.044, 283.852

■ 31, 6.044, 283.852

■ 21, 6.044, 283.852

■ 11, 6.044, 283.852

■ 1, 6.044, 283.852

■ 0, 6.044, 283.852

■ 71, 6.044, 283.852

■ 71, 6.044, 283.852

65, 14.833,
285.107

77, 2.472, 102.674

60, 23.922,
286.599

82, 10.730,
101.768

54, 33.336,
288.345

87, 18.746,
100.956

49, 43.102,
290.374

93, 26.533,
100.247

43, 53.235,
292.697

98, 33.798,
105.171

38, 63.694,
295.288

99, 35.508,
107.472

33, 74.298,
298.047

29, 84.574,
300.783

26, 93.640,

Harmonies

Complementary

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



71, 6.044, 283.852



74, 5.971, 102.253

Rectangle

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



71, 6.044, 283.852



71, 6.044, 333.852



71, 6.044, 103.852



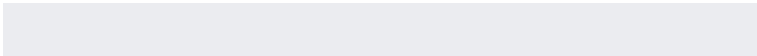
71, 6.044, 153.852

Sweetspot

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



71, 6.042, 283.841



93, 2.112, 283.321



74, 4.929, 185.326



50, 1.200, 283.313



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 6.042, 283.841



89, 8.496, 283.967



71, 7.312, 303.426



36, 4.853, 284.110



20, 83.799, 303.486



2, 13.657, 285.311

Inverse Universe

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



71, 5.063, 7.340



90, 7.130, 7.454



74, 7.208, 122.681



36, 4.080, 7.580



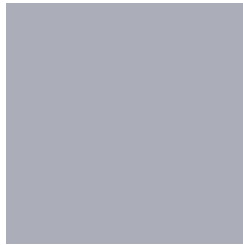
32, 65.745, 31.950



2, 10.803, 10.124

Previews

White Background



This preview shows how the CIELCh color 71, 6.044, 283.852 looks on a white background.

Color Contrast Check

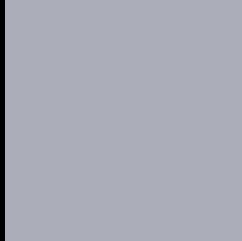
Large Text (above 18pt) WCAG AA × Fail

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, 6.044, 283.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

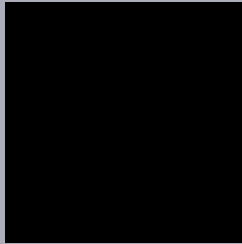
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

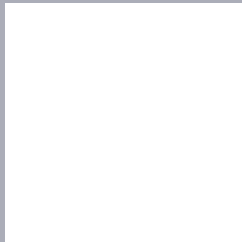
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.044, 283.852

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.044, 283.852.

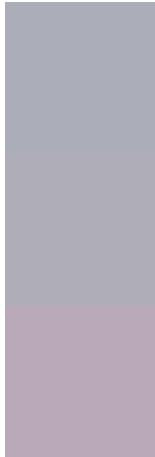


This preview shows how white text looks on a background with the CIELCh color 71, 6.044, 283.852.

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, 6.044, 283.852

Protanopia

71, 6.028, 294.259

Deuteranopia

71, 10.610, 324.888



Tritanopia
71, 7.652, 288.223

Trichromacy



Original Color
71, 6.044, 283.852

Protanomaly
71, 6.012, 290.779

Deuteranomaly
71, 8.379, 314.188

Tritanomaly
71, 7.107, 287.955

Monochromacy



Original Color
71, 6.044, 283.852

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.215, 280.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.044, 283.852 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, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 184)  
}
```

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, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.044, 283.852 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, 173, 184) }
```

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

```
.border{ border-color:rgb(171, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.044, 283.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 184) }
```

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

```
.background{ background-color: rgb(171,  
173, 184) }
```

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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