

Converting Colors

CIELCh(71, 7.557, 289.598)

Have a look what the booklet for
CIELCh(71, 7.557, 289.598) contains.

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Color

CIELCh(71, 7.652, 288.223)

Conversions

Conversions Part 1

Format	Color
Hex	ACADBB
RGB	172, 173, 187
RGB Percent	67%, 68%, 73%
CMY	0.3259, 0.3220, 0.2671
CMYK	0.08, 0.07, 0.00, 0.27
HSL	236°, 10%, 70%
HSV	236°, 8%, 73%
XYZ	40.8705, 42.1875, 52.9411
YIQ	174.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

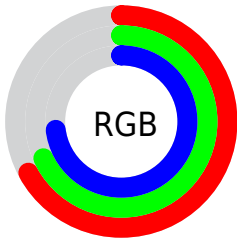
Format	Color
R_{YB}	172, 173, 187
Decimal	11316667
CIE _{Lab}	71.00, 2.39, -7.27
CIE _{LCh}	71, 7.652, 288.223
Yxy	42.1875, 0.3005, 0.3102
Android (android.graphics.Color)	4289506747 (0xFFACADBB)
YUV	174.2970, 6.2626, -2.0145
Hunter-Lab	64.9519, -1.3461, -2.8599

Details

The CIELCh color $71, 7.652, 288.223$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 7.523, 106.541$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.788, 288.262$, and $51, 7.582, 288.254$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.497, 289.430$, and if you desaturate by 10%, it is $77, 1.838, 107.116$.

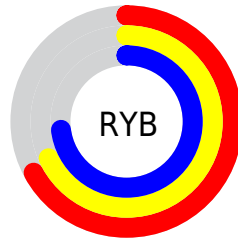
Distribution



Red (67%)

Green (68%)

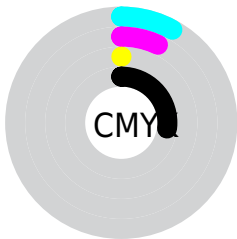
Blue (73%)



Red (67%)

Yellow (68%)

Blue (73%)

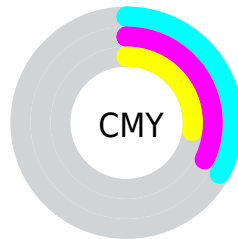


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.652, 288.223 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, 7.652, 288.223 by changing the saturation by 10% instead.

■ 71, 7.652, 288.223

■ 71, 7.652, 288.223

■ 100, 7.652,
288.223

■ 61, 7.652, 288.223

■ 91, 7.652, 288.223

■ 51, 7.652, 288.223

■ 41, 7.652, 288.223

■ 31, 7.652, 288.223

■ 21, 7.652, 288.223

■ 11, 7.652, 288.223

■ 1, 7.652, 288.223

■ 0, 7.652, 288.223

■ 71, 7.652, 288.223

■ 71, 7.652, 288.223

65, 17.497,
289.430

77, 1.838, 107.116

59, 27.734,
290.862

83, 10.994,
106.266

53, 38.389,
292.538

89, 19.842,
105.505

47, 49.480,
294.479

95, 28.401,
104.847

41, 60.972,
296.677

99, 34.249,
107.569

35, 72.694,
299.067

30, 84.158,
301.488

26, 94.360,
303.673

24, 101.848,

Harmonies

Complementary

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



71, 7.652, 288.223



75, 7.523, 106.541

Rectangle

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



71, 7.652, 288.223



71, 7.652, 338.223



71, 7.652, 108.223



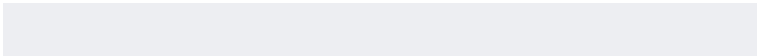
71, 7.652, 158.223

Sweetspot

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



71, 7.650, 288.215



94, 2.337, 287.606



75, 5.515, 192.012



51, 1.339, 287.598



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 7.650, 288.215



88, 11.814, 288.458



71, 8.540, 306.485



37, 5.458, 288.366



19, 90.402, 305.321



1, 16.594, 288.725

Inverse Universe

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



72, 5.742, 14.385



89, 8.899, 14.584



75, 8.422, 125.736



37, 4.106, 14.510



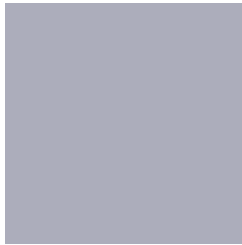
32, 70.263, 36.907



3, 12.290, 15.557

Previews

White Background



This preview shows how the CIELCh color 71, 7.652, 288.223 looks on a white background.

Color Contrast Check

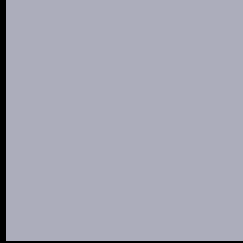
Large Text (above 18pt) WCAG AA × Fail

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, 7.652, 288.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

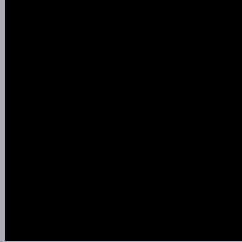
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

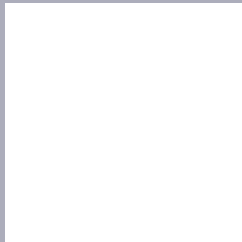
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.652, 288.223

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.652, 288.223.

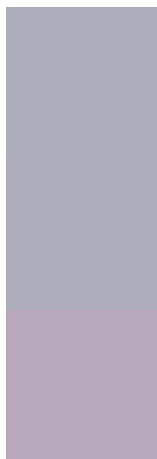


This preview shows how white text looks on a background with the CIELCh color 71, 7.652, 288.223.

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, 7.652, 288.223

Protanopia

71, 7.649, 290.937

Deuteranopia

71, 11.813, 318.918



Tritanopia
71, 7.652, 288.223

Trichromacy



Original Color
71, 7.652, 288.223

Protanomaly
71, 7.649, 290.937

Deuteranomaly
71, 10.549, 311.379

Tritanomaly
71, 7.652, 288.223

Monochromacy



Original Color
71, 7.652, 288.223

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.754, 282.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.652, 288.223 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, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 187)  
}
```

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, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.652, 288.223 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, 173, 187) }
```

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

```
.border{ border-color:rgb(172, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.652, 288.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 187) }
```

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

```
.background{ background-color: rgb(172,  
173, 187) }
```

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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