

Converting Colors

CIELCh(71, 10.517, 287.037)

Have a look what the booklet for
CIELCh(71, 10.517, 287.037)
contains.

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Color

CIELCh(71, 10.390, 287.255)

Conversions

Conversions Part 1

Format	Color
Hex	ABADC0
RGB	171, 173, 192
RGB Percent	67%, 68%, 75%
CMY	0.3306, 0.3227, 0.2483
CMYK	0.11, 0.10, 0.00, 0.25
HSL	234°, 14%, 71%
HSV	234°, 11%, 75%
XYZ	41.0947, 42.1875, 55.6670
YIQ	174.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

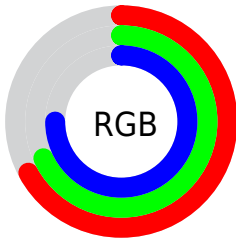
Format	Color
RYB	171, 173, 192
Decimal	11251136
CIELab	71.00, 3.08, -9.92
CIELCh	71, 10.390, 287.255
Yxy	42.1875, 0.2958, 0.3036
Android (android.graphics.Color)	4289441216 (0xFFABADC0)
YUV	174.5680, 8.5940, -3.1291
Hunter-Lab	64.9519, -0.7298, -5.3481

Details

The CIELCh color $71, 10.390, 287.255$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 10.182, 104.889$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 10.389, 287.231$, and $51, 10.503, 287.411$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.231, 288.553$, and if you desaturate by 10%, it is $77, 0.895, 286.237$.

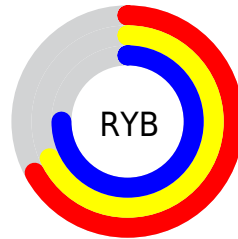
Distribution



Red (67%)

Green (68%)

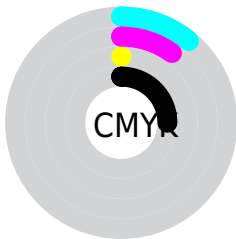
Blue (75%)



Red (67%)

Yellow (68%)

Blue (75%)

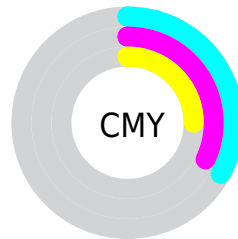


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (33%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.390, 287.255 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, 10.390, 287.255 by changing the saturation by 10% instead.


 71, 10.390,
287.255


 71, 10.390,
287.255


 100, 10.390,
287.255


 61, 10.390,
287.255


 91, 10.390,
287.255

 51, 10.390,
287.255

 41, 10.390,
287.255

 31, 10.390,
287.255

 21, 10.390,
287.255

 11, 10.390,
287.255

 1, 10.390, 287.255

0, 10.390, 287.255

71, 10.390,
287.255

71, 10.390,
287.255

65, 20.231,
288.553

77, 0.895, 286.237

83, 8.275, 105.157

59, 30.453,
290.085

89, 17.145,
104.343

53, 41.084,
291.874

95, 25.733,
103.636

47, 52.139,
293.940

99, 31.870,
107.753

41, 63.581,
296.268

36, 75.223,
298.781

■ 31, 86.558,
301.305

■ 27, 96.571,
303.566

■ 24, 103.361,
305.077

Harmonies

Complementary

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



71, 10.390, 287.255



77, 10.182, 104.889

Rectangle

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



71, 10.390, 287.255



71, 10.390, 337.255



71, 10.390, 107.255



71, 10.390, 157.255

Sweetspot

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



71, 10.388, 287.250



96, 3.489, 286.379



76, 7.673, 190.379



51, 2.646, 286.459



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, 10.388, 287.250



89, 15.355, 287.525



71, 11.917, 306.049



38, 5.411, 287.063



20, 90.012, 304.867



2, 18.160, 288.481

Inverse Universe

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



72, 8.109, 12.375



90, 12.028, 12.599



76, 11.699, 124.973



38, 4.213, 12.221



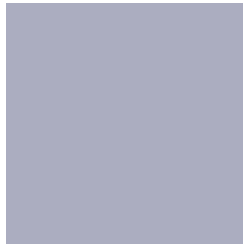
33, 69.992, 35.592



3, 14.074, 14.207

Previews

White Background



This preview shows how the CIELCh color 71, 10.390, 287.255 looks on a white background.

Color Contrast Check

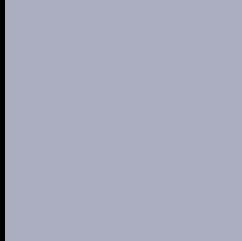
Large Text (above 18pt) WCAG AA × Fail

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, 10.390, 287.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

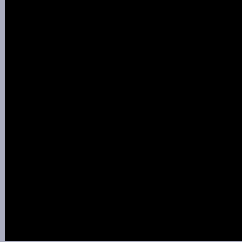
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

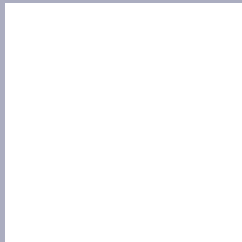
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.390, 287.255

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.390, 287.255.



This preview shows how white text looks on a background with the CIELCh color 71, 10.390, 287.255.

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, 10.390, 287.255

Protanopia

71, 10.935, 291.257

Deuteranopia

71, 13.496, 311.815



Tritanopia
71, 7.708, 282.852

Trichromacy



Original Color
71, 10.390, 287.255

Protanomaly
71, 10.935, 291.257

Deuteranomaly
71, 12.423, 304.780

Tritanomaly
71, 8.789, 283.992

Monochromacy



Original Color
71, 10.390, 287.255

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.295, 284.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.390, 287.255 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.390, 287.255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

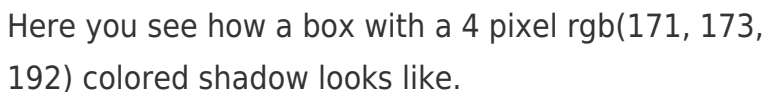
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 173, 192) }
```

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

```
.border{ border-color:rgb(171, 173, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 173, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 173, 192); box-shadow:4px 4px 4px 4px rgb(171, 173, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.390, 287.255 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, 192) }
```

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

```
.background{ background-color: rgb(171,  
173, 192) }
```

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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