

Converting Colors

CIELCh(73, 2.631, 290.474)

Have a look what the booklet for
CIELCh(73, 2.631, 290.474) contains.

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Color

CIELCh(73, 2.720, 290.462)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3B8
RGB	179, 179, 184
RGB Percent	70%, 70%, 72%
CMY	0.2989, 0.2989, 0.2793
CMYK	0.03, 0.03, 0.00, 0.28
HSL	240°, 3%, 71%
HSV	240°, 3%, 72%
XYZ	43.2474, 45.1644, 51.6673
YIQ	179.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

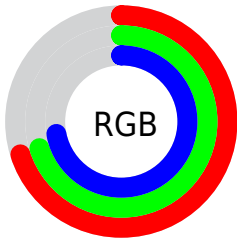
Format	Color
RYB	179, 179, 184
Decimal	11776952
CIELab	73.00, 0.95, -2.55
CIELCh	73, 2.720, 290.462
Yxy	45.1644, 0.3087, 0.3224
Android (android.graphics.Color)	4289967032 (0xFFB3B3B8)
YUV	179.5700, 2.1840, -0.4999
Hunter-Lab	67.2044, -2.7395, 1.4605

Details

The CIELCh color $73, 2.720, 290.462$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.685, 109.875$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 2.587, 290.409$, and $53, 2.898, 290.554$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.935, 291.491$, and if you desaturate by 10%, it is $79, 7.105, 109.499$.

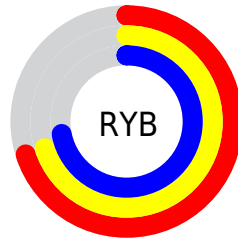
Distribution



Red (70%)

Green (70%)

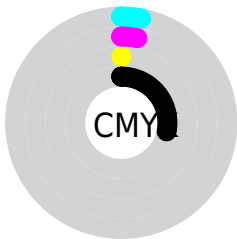
Blue (72%)



Red (70%)

Yellow (70%)

Blue (72%)

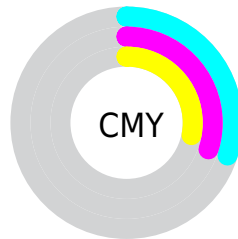


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.720, 290.462 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 73, 2.720, 290.462 by changing the saturation by 10% instead.

■ 73, 2.720, 290.462

■ 73, 2.720, 290.462

100, 2.720,
290.462

■ 63, 2.720, 290.462

■ 93, 2.720, 290.462

■ 53, 2.720, 290.462

■ 43, 2.720, 290.462

■ 33, 2.720, 290.462

■ 23, 2.720, 290.462

■ 13, 2.720, 290.462

■ 3, 2.720, 290.462

■ 0, 2.720, 290.462

■ 73, 2.720, 290.462

■ 73, 2.720, 290.462

67, 12.935,
291.491

79, 7.105, 109.499

60, 23.577,
292.751

85, 16.564,
108.730

54, 34.676,
294.232

92, 25.686,
108.070

48, 46.248,
295.955

98, 34.494,
107.502

42, 58.259,
297.920

99, 35.782,
107.451

36, 70.530,
300.070

30, 82.553,
302.260

26, 93.240,
304.224

23, 100.935,

305.623

Harmonies

Complementary

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



73, 2.720, 290.462



75, 2.685, 109.875

Rectangle

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



73, 2.720, 290.462



73, 2.720, 340.462



73, 2.720, 110.462



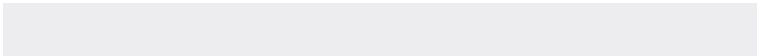
73, 2.720, 160.462

Sweetspot

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



73, 2.718, 290.439



94, 1.243, 290.310



74, 1.844, 198.137



50, 0.707, 290.309



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 2.718, 290.439



92, 3.722, 290.469



73, 2.874, 308.566



38, 2.266, 290.533



17, 92.475, 306.278



1, 15.379, 290.280

Inverse Universe

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



73, 1.875, 19.242



93, 2.570, 19.292



74, 2.846, 128.403



38, 1.567, 19.379



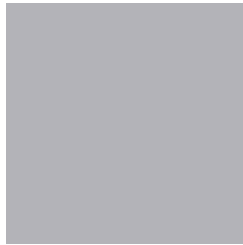
32, 71.848, 39.575



2, 10.638, 19.369

Previews

White Background



This preview shows how the CIE LCh color 73, 2.720, 290.462 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 73, 2.720, 290.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

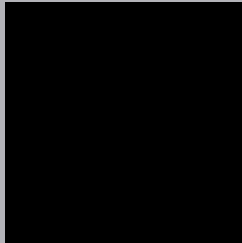
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

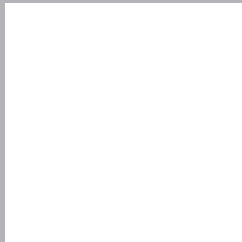
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.720, 290.462

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.720, 290.462.

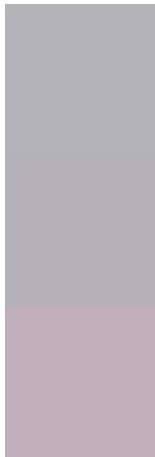


This preview shows how white text looks on a background with the CIELCh color 73, 2.720, 290.462.

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


73, 2.720, 290.462

Protanopia

73, 2.954, 312.547

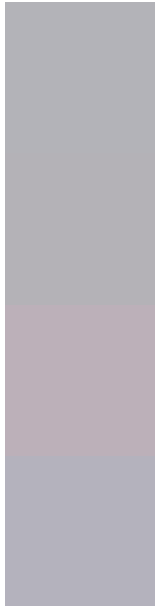
Deuteranopia

73, 9.596, 341.831



Tritanopia
73, 7.654, 296.346

Trichromacy



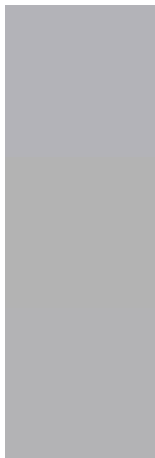
Original Color
73, 2.720, 290.462

Protanomaly
73, 2.831, 305.605

Deuteranomaly
73, 6.652, 332.702

Tritanomaly
73, 6.035, 297.705

Monochromacy



Original Color
73, 2.720, 290.462

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.093, 290.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.720, 290.462 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(179, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 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(179, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.720, 290.462 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(179, 179, 184) }
```

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

```
.border{ border-color:rgb(179, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.720, 290.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 184) }
```

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

```
.background{ background-color: rgb(179,  
179, 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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