

Converting Colors

CIELCh(72, 2.552, 290.450)

Have a look what the booklet for
CIELCh(72, 2.552, 290.450) contains.

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Color

CIELCh(72, 2.729, 290.465)

Conversions

Conversions Part 1

Format	Color
Hex	B0B0B5
RGB	176, 176, 181
RGB Percent	69%, 69%, 71%
CMY	0.3095, 0.3095, 0.2899
CMYK	0.03, 0.03, 0.00, 0.29
HSL	240°, 3%, 70%
HSV	240°, 3%, 71%
XYZ	41.8105, 43.6590, 49.9812
YIQ	176.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

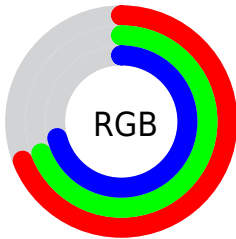
Format	Color
RYB	176, 176, 181
Decimal	11579573
CIELab	72.00, 0.95, -2.56
CIELCh	72, 2.729, 290.465
Yxy	43.6590, 0.3087, 0.3223
Android (android.graphics.Color)	4289769653 (0xFFB0B0B5)
YUV	176.5700, 2.1840, -0.4999
Hunter-Lab	66.0750, -2.6810, 1.4037

Details

The CIELCh color $72, 2.729, 290.465$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 2.694, 109.872$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.594, 290.411$, and $52, 2.326, 290.490$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.822, 291.495$, and if you desaturate by 10%, it is $78, 6.979, 109.503$.

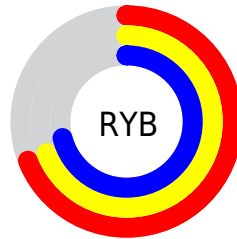
Distribution



Red (69%)

Green (69%)

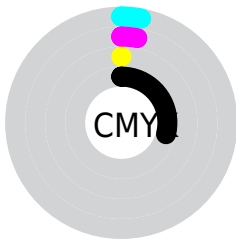
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

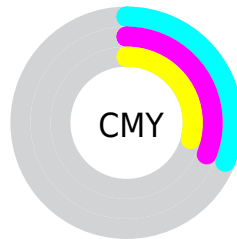


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 2.729, 290.465 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 72, 2.729, 290.465 by changing the saturation by 10% instead.

■ 72, 2.729, 290.465

■ 72, 2.729, 290.465

100, 2.729,
290.465

■ 62, 2.729, 290.465

■ 92, 2.729, 290.465

■ 52, 2.729, 290.465

■ 42, 2.729, 290.465

■ 32, 2.729, 290.465

■ 22, 2.729, 290.465

■ 12, 2.729, 290.465

■ 2, 2.729, 290.465

■ 0, 2.729, 290.465

■ 72, 2.729, 290.465

■ 72, 2.729, 290.465

66, 12.822,
291.495

78, 6.979, 109.503

60, 23.337,
292.753

84, 16.327,
108.734

53, 34.304,
294.233

90, 25.342,
108.074

47, 45.737,
295.955

96, 34.046,
107.507

41, 57.604,
297.917

98, 37.115,
107.348

35, 69.727,
300.065

30, 81.608,
302.253

26, 92.175,
304.216

23, 99.797,

Harmonies

Complementary

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



72, 2.729, 290.465



74, 2.694, 109.872

Rectangle

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



72, 2.729, 290.465



72, 2.729, 340.465



72, 2.729, 110.465



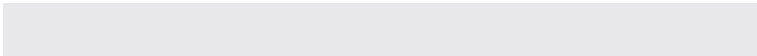
72, 2.729, 160.465

Sweetspot

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



72, 2.727, 290.442



92, 1.222, 290.310



73, 1.850, 198.130



49, 0.694, 290.308



96, 0.011, 296.813



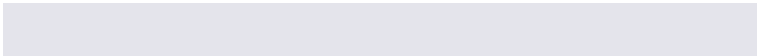
49, 0.007, 296.813

Same Dimension

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



72, 2.727, 290.442



91, 3.657, 290.468



72, 2.883, 308.568



38, 2.265, 290.533



17, 92.474, 306.278



1, 15.378, 290.280

Inverse Universe

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



72, 1.882, 19.248



91, 2.525, 19.291



73, 2.856, 128.401



38, 1.567, 19.379



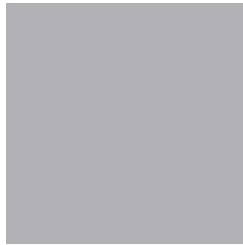
32, 71.847, 39.575



2, 10.638, 19.368

Previews

White Background



This preview shows how the CIELCh color 72, 2.729, 290.465 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 72, 2.729, 290.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

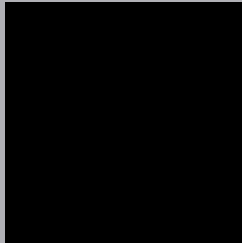
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 2.729, 290.465

Background



This preview shows how black text looks on a background with the CIELCh color 72, 2.729, 290.465.

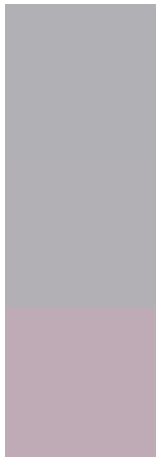


This preview shows how white text looks on a background with the CIELCh color 72, 2.729, 290.465.

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


72, 2.729, 290.465

Protanopia

72, 3.473, 309.179

Deuteranopia

72, 9.626, 341.844



Tritanopia
72, 7.678, 296.355

Trichromacy



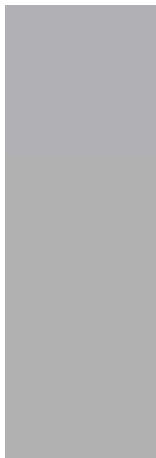
Original Color
72, 2.729, 290.465

Protanomaly
72, 3.368, 303.208

Deuteranomaly
72, 6.931, 335.025

Tritanomaly
72, 6.054, 297.712

Monochromacy



Original Color
72, 2.729, 290.465

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.552, 290.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 2.729, 290.465 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(176, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 176, 181)  
}
```

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(176, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 176, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 2.729, 290.465 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(176, 176, 181) }
```

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

```
.border{ border-color:rgb(176, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 176,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 2.729, 290.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 176, 181) }
```

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

```
.background{ background-color: rgb(176,  
176, 181) }
```

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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