

Converting Colors

CIELCh(72, 7.624, 289.298)

Have a look what the booklet for
CIELCh(72, 7.624, 289.298) contains.

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Color

CIELCh(72, 7.628, 288.210)

Conversions

Conversions Part 1

Format	Color
Hex	AFB0BE
RGB	175, 176, 190
RGB Percent	69%, 69%, 75%
CMY	0.3153, 0.3114, 0.2565
CMYK	0.08, 0.07, 0.00, 0.26
HSL	236°, 10%, 71%
HSV	236°, 8%, 74%
XYZ	42.2839, 43.6590, 54.6785
YIQ	177.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

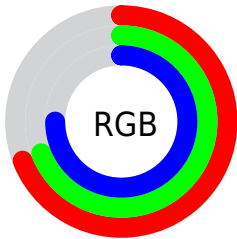
Format	Color
RYB	175, 176, 190
Decimal	11514046
CIELab	72.00, 2.38, -7.25
CIELCh	72, 7.628, 288.210
Yxy	43.6590, 0.3007, 0.3105
Android (android.graphics.Color)	4289704126 (0xFFAFB0BE)
YUV	177.2970, 6.2626, -2.0145
Hunter-Lab	66.0750, -1.4023, -2.8113

Details

The CIELCh color $72, 7.628, 288.210$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 7.501, 106.551$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 7.247, 288.025$, and $52, 7.549, 288.231$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.585, 289.416$, and if you desaturate by 10%, it is $78, 1.969, 107.106$.

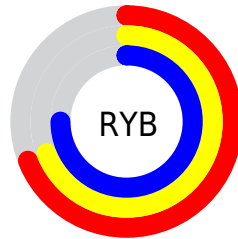
Distribution



Red (69%)

Green (69%)

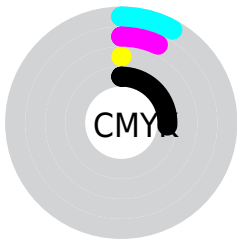
Blue (75%)



Red (69%)

Yellow (69%)

Blue (75%)

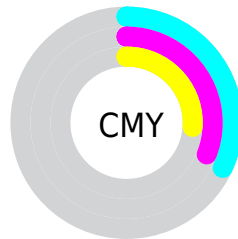


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.628, 288.210 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, 7.628, 288.210 by changing the saturation by 10% instead.

■ 72, 7.628, 288.210

■ 72, 7.628, 288.210

■ 100, 7.628,
288.210

■ 62, 7.628, 288.210

■ 92, 7.628, 288.210

■ 52, 7.628, 288.210

■ 42, 7.628, 288.210

■ 32, 7.628, 288.210

■ 22, 7.628, 288.210

■ 12, 7.628, 288.210

■ 2, 7.628, 288.210

■ 0, 7.628, 288.210

■ 72, 7.628, 288.210

■ 72, 7.628, 288.210

66, 17.585,
289.416

78, 1.969, 107.106

60, 27.937,
290.847

84, 11.229,
106.254

54, 38.713,
292.523

90, 20.176,
105.494

48, 49.931,
294.464

96, 28.832,
104.837

42, 61.556,
296.663

99, 32.913,
107.672

36, 73.414,
299.054

31, 85.016,
301.478

27, 95.344,
303.666

24, 102.926,

Harmonies

Complementary

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



72, 7.628, 288.210



76, 7.501, 106.551

Rectangle

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



72, 7.628, 288.210



72, 7.628, 338.210



72, 7.628, 108.210



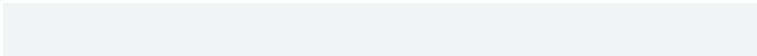
72, 7.628, 158.210

Sweetspot

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



72, 7.626, 288.202



96, 2.376, 287.605



76, 5.500, 192.022



52, 1.362, 287.597



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 7.626, 288.202



91, 10.794, 288.341



72, 8.514, 306.480



37, 5.458, 288.364



19, 90.401, 305.320



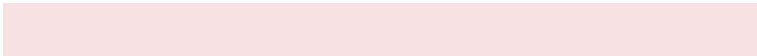
1, 16.594, 288.724

Inverse Universe

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



73, 5.723, 14.373



91, 8.117, 14.489



76, 8.397, 125.741



37, 4.106, 14.508



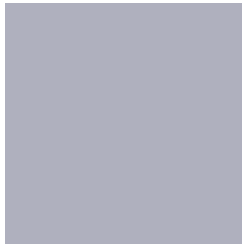
32, 70.262, 36.905



3, 12.290, 15.555

Previews

White Background



This preview shows how the CIELCh color 72, 7.628, 288.210 looks on a white background.

Color Contrast Check

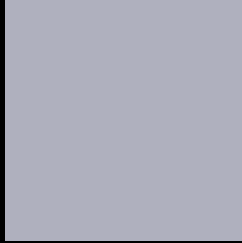
Large Text (above 18pt) WCAG AA × Fail

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, 7.628, 288.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

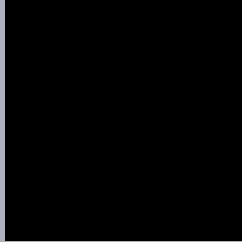
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

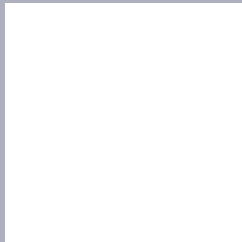
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.628, 288.210

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.628, 288.210.

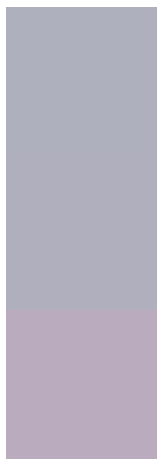


This preview shows how white text looks on a background with the CIELCh color 72, 7.628, 288.210.

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, 7.628, 288.210

Protanopia

72, 7.647, 293.647

Deuteranopia

72, 11.965, 320.491



Tritanopia
72, 7.628, 288.210

Trichromacy



Original Color
72, 7.628, 288.210

Protanomaly
72, 7.633, 290.929

Deuteranomaly
72, 9.879, 310.463

Tritanomaly
72, 7.628, 288.210

Monochromacy



Original Color
72, 7.628, 288.210

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.273, 290.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.628, 288.210 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(175, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 190)  
}
```

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(175, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.628, 288.210 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(175, 176, 190) }
```

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

```
.border{ border-color:rgb(175, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.628, 288.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 190) }
```

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

```
.background{ background-color: rgb(175,  
176, 190) }
```

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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