

Converting Colors

CIELCh(72, 4.348, 256.128)

Have a look what the booklet for
CIELCh(72, 4.348, 256.128) contains.

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Color

CIELCh(72, 4.363, 260.449)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1B8
RGB	171, 177, 184
RGB Percent	67%, 69%, 72%
CMY	0.3287, 0.3052, 0.2777
CMYK	0.07, 0.04, 0.00, 0.28
HSL	212°, 8%, 70%
HSV	212°, 7%, 72%
XYZ	41.2595, 43.6590, 51.6971
YIQ	176.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

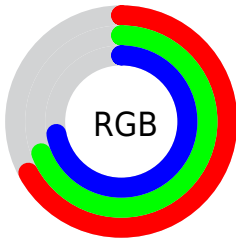
Format	Color
RYB	171, 175, 184
Decimal	11252152
CIELab	72.00, -0.72, -4.30
CIELCh	72, 4.363, 260.449
Yxy	43.6590, 0.3020, 0.3196
Android (android.graphics.Color)	4289442232 (0xFFABB1B8)
YUV	176.0040, 3.9420, -4.3885
Hunter-Lab	66.0750, -4.1698, -0.1361

Details

The CIELCh color $72, 4.363, 260.449$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.408, 78.504$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.332, 256.256$, and $52, 4.470, 265.094$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.517, 261.865$, and if you desaturate by 10%, it is $76, 1.807, 78.916$.

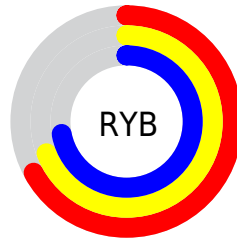
Distribution



Red (67%)

Green (69%)

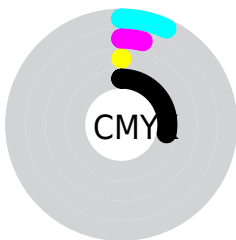
Blue (72%)



Red (67%)

Yellow (69%)

Blue (72%)

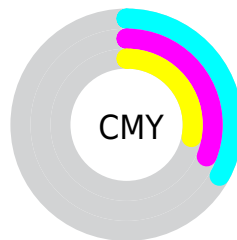


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.363, 260.449 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, 4.363, 260.449 by changing the saturation by 10% instead.

 72, 4.363, 260.449

 72, 4.363, 260.449

 100, 4.363,
260.449

 62, 4.363, 260.449

 92, 4.363, 260.449

 52, 4.363, 260.449

 42, 4.363, 260.449

 32, 4.363, 260.449

 22, 4.363, 260.449

 12, 4.363, 260.449

 2, 4.363, 260.449

 0, 4.363, 260.449

 72, 4.363, 260.449

 72, 4.363, 260.449

68, 10.517,
261.865

76, 1.807, 78.916

64, 16.642,
263.599

80, 7.972, 77.969

60, 22.722,
265.656

84, 14.118, 77.051

56, 28.750,
268.087

91, 24.621, 81.850

52, 34.732,
270.941

94, 27.772, 93.189

49, 40.698,
274.249

96, 31.766,
101.833

45, 46.699,
277.999

99, 35.589,
107.466

42, 52.806,
282.114

39, 59.084,

Harmonies

Complementary

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



72, 4.363, 260.449



73, 4.408, 78.504

Rectangle

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



72, 4.363, 260.449



72, 4.363, 310.449



72, 4.363, 80.449



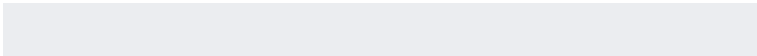
72, 4.363, 130.449

Sweetspot

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



72, 4.362, 260.427



94, 1.537, 259.947



74, 5.864, 164.961



50, 0.874, 259.947



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 4.362, 260.427



91, 6.121, 260.565



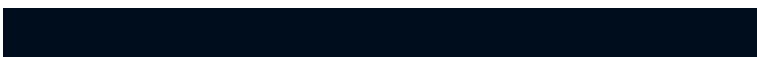
70, 7.123, 292.162



37, 3.489, 260.726



32, 53.106, 286.985



3, 10.581, 270.260

Inverse Universe

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



71, 5.914, 346.296



90, 8.312, 346.399



74, 7.001, 110.851



36, 4.747, 346.514



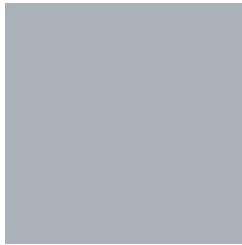
33, 58.388, 4.991



2, 11.960, 352.972

Previews

White Background



This preview shows how the CIELCh color 72, 4.363, 260.449 looks on a white background.

Color Contrast Check

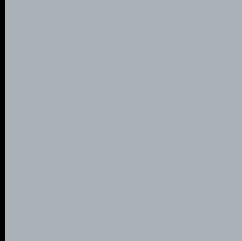
Large Text (above 18pt) WCAG AA × Fail

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, 4.363, 260.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

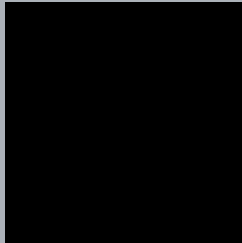
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

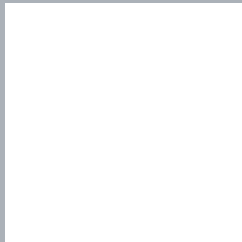
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.363, 260.449

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.363, 260.449.



This preview shows how white text looks on a background with the CIELCh color 72, 4.363, 260.449.

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

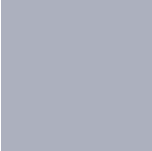
72, 4.363, 260.449

Protanopia

72, 4.437, 300.174

Deuteranopia

72, 10.190, 331.886



Tritanopia
72, 7.735, 280.198

Trichromacy



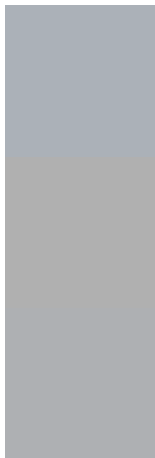
Original Color
72, 4.363, 260.449

Protanomaly
72, 3.829, 285.058

Deuteranomaly
72, 7.554, 320.062

Tritanomaly
72, 6.671, 278.296

Monochromacy



Original Color
72, 4.363, 260.449

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.790, 265.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.363, 260.449 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, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 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(171, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.363, 260.449 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, 177, 184) }
```

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

```
.border{ border-color:rgb(171, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.363, 260.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 184) }
```

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

```
.background{ background-color: rgb(171,  
177, 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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