

Converting Colors

CIELCh(72, 11.054, 309.602)

Have a look what the booklet for
CIELCh(72, 11.054, 309.602)
contains.

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Color

CIELCh(72, 11.027, 310.402)

Conversions

Conversions Part 1

Format	Color
Hex	B7ADC0
RGB	183, 173, 192
RGB Percent	72%, 68%, 75%
CMY	0.2831, 0.3223, 0.2478
CMYK	0.05, 0.10, 0.00, 0.25
HSL	272°, 13%, 71%
HSV	272°, 10%, 75%
XYZ	43.8868, 43.6590, 55.8751
YIQ	178.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

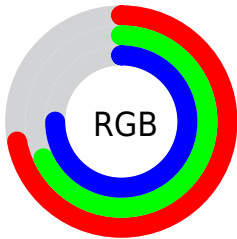
Format	Color
R_{YB}	183, 173, 192
Decimal	12037568
CIE Lab	72.00, 7.15, -8.40
CIE LCh	72, 11.027, 310.402
Yxy	43.6590, 0.3060, 0.3044
Android (android.graphics.Color)	4290227648 (0xFFB7ADC0)
YUV	178.1560, 6.8251, 4.2482
Hunter-Lab	66.0750, 2.9278, -3.8850

Details

The CIELCh color $72, 11.027, 310.402$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 10.879, 129.565$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.094, 311.129$, and $52, 11.068, 309.629$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.454, 310.877$, and if you desaturate by 10%, it is $78, 0.098, 131.231$.

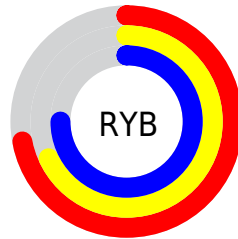
Distribution



Red (72%)

Green (68%)

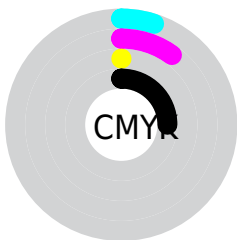
Blue (75%)



Red (72%)

Yellow (68%)

Blue (75%)

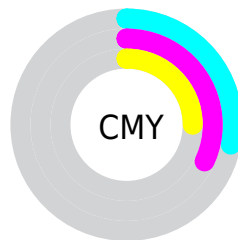


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (28%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.027, 310.402 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, 11.027, 310.402 by changing the saturation by 10% instead.


 72, 11.027,
310.402


 72, 11.027,
310.402


 100, 11.027,
310.402


 62, 11.027,
310.402


 92, 11.027,
310.402

 52, 11.027,
310.402

 42, 11.027,
310.402

 32, 11.027,
310.402

 22, 11.027,
310.402

 12, 11.027,
310.402

 2, 11.027, 310.402

72, 11.027,
310.402

72, 11.027,
310.402

66, 22.454,
310.877

78, 0.098, 131.231

61, 34.137,
311.380

83, 10.894,
129.596

55, 45.970,
311.895

89, 21.359,
129.239

50, 57.766,
312.395

95, 31.500,
128.925

45, 69.213,
312.837

97, 33.487,
125.117

40, 79.822,
313.153

97, 32.573,
119.531

■ 36, 88.916,
313.253

■ 98, 32.002,
113.583

■ 33, 95.725,
313.030

■ 99, 31.809,
107.757

■ 31, 100.145,
312.487

Harmonies

Complementary

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



72, 11.027, 310.402



76, 10.879, 129.565

Rectangle

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



72, 11.027, 310.402



72, 11.027, 0.402



72, 11.027, 130.402



72, 11.027, 180.402

Sweetspot

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



72, 11.025, 310.400



96, 4.107, 310.073



74, 6.200, 258.555



51, 3.115, 310.115



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, 11.025, 310.400



90, 16.613, 310.507



73, 12.379, 325.409



38, 6.360, 310.375



25, 87.738, 312.631



2, 20.309, 306.291

Inverse Universe

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



72, 8.673, 345.887



91, 13.066, 346.104



76, 12.361, 144.324



38, 5.003, 345.838



34, 59.835, 3.982



3, 15.611, 353.899

Previews

White Background



This preview shows how the CIELCh color 72, 11.027, 310.402 looks on a white background.

Color Contrast Check

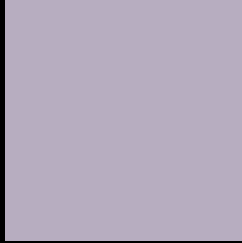
Large Text (above 18pt) WCAG AA × Fail

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, 11.027, 310.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

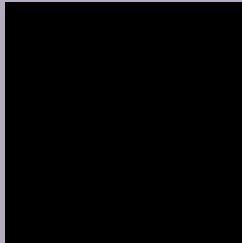
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.027, 310.402

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.027, 310.402.



This preview shows how white text looks on a background with the CIELCh color 72, 11.027, 310.402.

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, 11.027, 310.402

Protanopia

72, 9.811, 291.136

Deuteranopia

72, 12.097, 316.152



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color
72, 11.027, 310.402

Protanomaly
72, 10.485, 299.083

Deuteranomaly
72, 11.946, 314.547

Tritanomaly
72, 8.721, 310.550

Monochromacy



Original Color
72, 11.027, 310.402

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.110, 311.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.027, 310.402 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(183, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.027, 310.402 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(183, 173, 192) }
```

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

```
.border{ border-color:rgb(183, 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(183, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.027, 310.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 192) }
```

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

```
.background{ background-color: rgb(183,  
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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