

Converting Colors

CIELCh(72, 6.592, 302.171)

Have a look what the booklet for
CIELCh(72, 6.592, 302.171) contains.

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Color

CIELCh(72, 6.649, 300.309)

Conversions

Conversions Part 1

Format	Color
Hex	B2AFBB
RGB	178, 175, 187
RGB Percent	70%, 69%, 73%
CMY	0.3023, 0.3141, 0.2671
CMYK	0.05, 0.06, 0.00, 0.27
HSL	255°, 8%, 71%
HSV	255°, 6%, 73%
XYZ	42.6076, 43.6590, 53.1394
YIQ	177.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

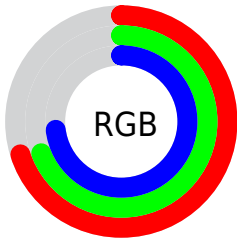
Format	Color
R_{YB}	178, 175, 187
Decimal	11710395
CIE Lab	72.00, 3.36, -5.74
CIE LCh	72, 6.649, 300.309
Yxy	43.6590, 0.3056, 0.3132
Android (android.graphics.Color)	4289900475 (0xFFB2AFBB)
YUV	177.2650, 4.7994, 0.6446
Hunter-Lab	66.0750, -0.5277, -1.4302

Details

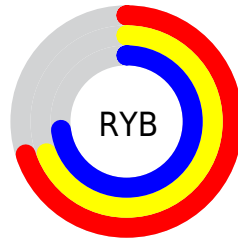
The CIELCh color $72, 6.649, 300.309$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 6.550, 119.515$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.317, 300.217$, and $52, 6.452, 297.869$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.307, 301.012$, and if you desaturate by 10%, it is $78, 3.628, 119.700$.

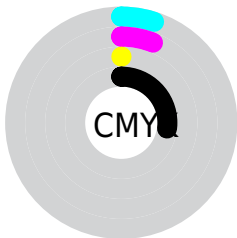
Distribution



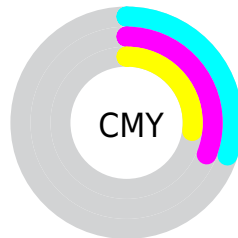
- Red (70%)
- Green (69%)
- Blue (73%)



- Red (70%)
- Yellow (69%)
- Blue (73%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.649, 300.309 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, 6.649, 300.309 by changing the saturation by 10% instead.

■ 72, 6.649, 300.309

■ 72, 6.649, 300.309

■ 100, 6.649,
300.309

■ 62, 6.649, 300.309

■ 92, 6.649, 300.309

■ 52, 6.649, 300.309

■ 42, 6.649, 300.309

■ 32, 6.649, 300.309

■ 22, 6.649, 300.309

■ 12, 6.649, 300.309

■ 2, 6.649, 300.309

■ 0, 6.649, 300.309

■ 72, 6.649, 300.309

■ 72, 6.649, 300.309

66, 17.307,
301.012

78, 3.628, 119.700

60, 28.361,
301.819

84, 13.537,
119.162

54, 39.797,
302.728

90, 23.098,
118.703

48, 51.556,
303.731

96, 32.335,
118.307

42, 63.490,
304.798

98, 34.366,
112.021

37, 75.271,
305.866

99, 34.243,
107.570

32, 86.276,
306.819

28, 95.491,
307.482

25, 101.775,

Harmonies

Complementary

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



72, 6.649, 300.309



75, 6.550, 119.515

Rectangle

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



72, 6.649, 300.309



72, 6.649, 350.309



72, 6.649, 120.309



72, 6.649, 170.309

Sweetspot

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



72, 6.647, 300.302



94, 2.544, 300.013



74, 3.654, 223.814



51, 1.458, 300.006



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 6.647, 300.302



90, 10.259, 300.418



72, 7.327, 317.022



37, 5.945, 300.502



20, 91.458, 307.829



1, 17.603, 297.565

Inverse Universe

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



73, 6.658, 332.697



91, 10.258, 332.818



75, 7.282, 136.531



37, 5.937, 332.903



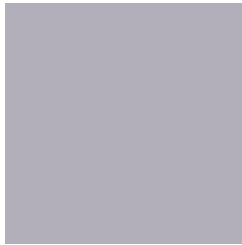
35, 66.923, 341.150



3, 16.814, 336.946

Previews

White Background



This preview shows how the CIELCh color 72, 6.649, 300.309 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, 6.649, 300.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

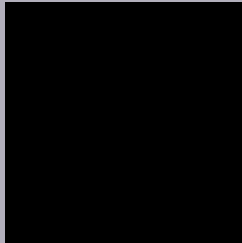
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

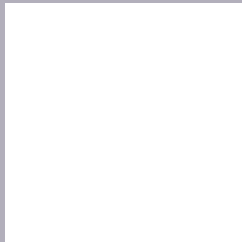
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.649, 300.309

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.649, 300.309.

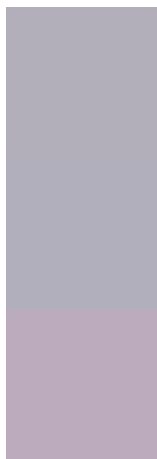


This preview shows how white text looks on a background with the CIELCh color 72, 6.649, 300.309.

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, 6.649, 300.309

Protanopia

72, 6.559, 294.009

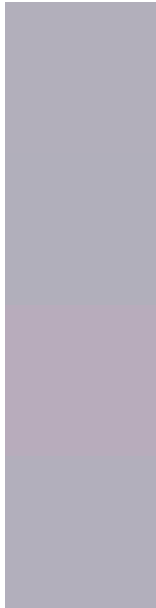
Deuteranopia

72, 11.242, 324.911



Tritanopia
72, 7.187, 299.625

Trichromacy



Original Color
72, 6.649, 300.309

Protanomaly
72, 6.594, 297.177

Deuteranomaly
72, 9.826, 317.635

Tritanomaly
72, 7.187, 299.625

Monochromacy



Original Color
72, 6.649, 300.309

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.759, 298.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.649, 300.309 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(178, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 187)  
}
```

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(178, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.649, 300.309 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(178, 175, 187) }
```

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

```
.border{ border-color:rgb(178, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.649, 300.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 187) }
```

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

```
.background{ background-color: rgb(178,  
175, 187) }
```

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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