

Converting Colors

CIELCh(72, 15.912, 305.065)

Have a look what the booklet for
CIELCh(72, 15.912, 305.065)
contains.

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Color

CIELCh(72, 15.742, 304.701)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACC8
RGB	182, 172, 200
RGB Percent	71%, 67%, 78%
CMY	0.2860, 0.3252, 0.2154
CMYK	0.09, 0.14, 0.00, 0.22
HSL	261°, 20%, 73%
HSV	261°, 14%, 78%
XYZ	44.5079, 43.6590, 60.7692
YIQ	178.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

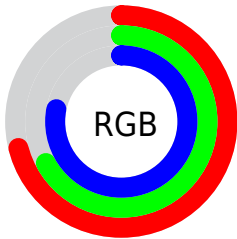
Format	Color
R_{YB}	182, 172, 200
Decimal	11971784
CIE _{Lab}	72.00, 8.96, -12.94
CIE _{LCh}	72, 15.742, 304.701
Yxy	43.6590, 0.2988, 0.2931
Android (android.graphics.Color)	4290161864 (0xFFB6ACC8)
YUV	178.1820, 10.7563, 3.3484
Hunter-Lab	66.0750, 4.6059, -8.2765

Details

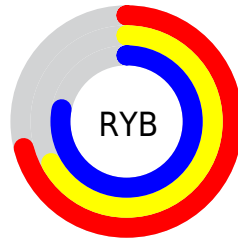
The CIELCh color $72, 15.742, 304.701$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $79, 15.355, 123.202$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.052, 305.807$, and $52, 15.556, 304.522$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.435, 305.337$, and if you desaturate by 10%, it is $78, 4.423, 304.121$.

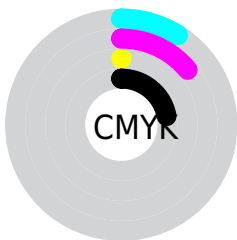
Distribution



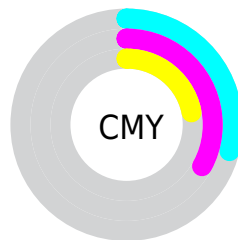
- Red (71%)
- Green (67%)
- Blue (78%)



- Red (71%)
- Yellow (67%)
- Blue (78%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)





- Cyan (29%)
- Magenta (33%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 15.742, 304.701 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, 15.742, 304.701 by changing the saturation by 10% instead.


 72, 15.742,
304.701


 72, 15.742,
304.701


 100, 15.742,
304.701


 62, 15.742,
304.701


 92, 15.742,
304.701

 52, 15.742,
304.701

 42, 15.742,
304.701

 32, 15.742,
304.701

 22, 15.742,
304.701

 12, 15.742,
304.701

 2, 15.742, 304.701

■ 0, 15.742, 304.701

■ 72, 15.742,
304.701

■ 72, 15.742,
304.701

■ 66, 27.435,
305.337

■ 78, 4.423, 304.121

■ 84, 6.513, 123.648

■ 60, 39.478,
306.041

■ 90, 17.078,
123.206

■ 54, 51.791,
306.798

■ 97, 27.290,
122.826

■ 48, 64.200,
307.579

■ 98, 27.916,
114.719

■ 42, 76.371,
308.329

■ 99, 27.698,
108.074

■ 37, 87.717,
308.954

■ 33, 97.340,
309.318

■ 30, 104.173,
309.262

■ 28, 107.131,
309.091

Harmonies

Complementary

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



72, 15.742, 304.701



79, 15.355, 123.202

Rectangle

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



72, 15.742, 304.701



72, 15.742, 354.701



72, 15.742, 124.701



72, 15.742, 174.701

Sweetspot

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



72, 15.740, 304.699



97, 5.394, 304.125



76, 8.204, 239.216



51, 3.837, 304.168



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 15.740, 304.699



87, 23.407, 304.899



73, 17.555, 320.916



39, 6.300, 304.427



22, 91.930, 309.240



2, 21.924, 301.208

Inverse Universe

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



73, 14.296, 337.689



89, 21.193, 337.947



78, 17.461, 139.596



39, 5.744, 337.328



36, 64.030, 349.041



4, 19.633, 344.114

Previews

White Background



This preview shows how the CIELCh color 72, 15.742, 304.701 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, 15.742, 304.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

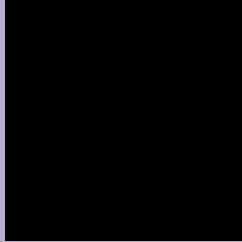
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.742, 304.701

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.742, 304.701.



This preview shows how white text looks on a background with the CIELCh color 72, 15.742, 304.701.

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, 15.742, 304.701

Protanopia

72, 14.728, 287.523

Deuteranopia

72, 15.828, 305.968



Tritanopia
72, 7.974, 306.878

Trichromacy



Original Color
72, 15.742, 304.701

Protanomaly
72, 14.751, 294.340

Deuteranomaly
72, 15.828, 305.968

Tritanomaly
72, 10.804, 306.739

Monochromacy



Original Color
72, 15.742, 304.701

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 5.573, 302.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.742, 304.701 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(182, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 200)  
}
```

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(182, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.742, 304.701 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(182, 172, 200) }
```

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

```
.border{ border-color:rgb(182, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.742, 304.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 200) }
```

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

```
.background{ background-color: rgb(182,  
172, 200) }
```

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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