

Converting Colors

CIELCh(72, 40.376, 308.192)

Have a look what the booklet for
CIELCh(72, 40.376, 308.192)
contains.

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Color

CIELCh(72, 40.724, 308.270)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3EB
RGB	194, 163, 235
RGB Percent	76%, 64%, 92%
CMY	0.2392, 0.3608, 0.0784
CMYK	0.17, 0.31, 0.00, 0.08
HSL	266°, 64%, 78%
HSV	266°, 31%, 92%
XYZ	50.3375, 43.6590, 84.3671
YIQ	180.4770, -4.6360, 28.9640

Conversions

Conversions Part 2

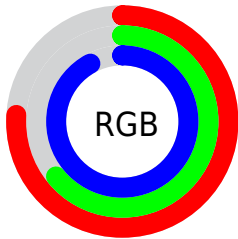
Format	Color
RYB	194, 163, 235
Decimal	12755947
CIELab	72.00, 25.22, -31.97
CIElCh	72, 40.724, 308.270
Yxy	43.6590, 0.2822, 0.2448
Android (android.graphics.Color)	4290946027 (0xFFC2A3EB)
YUV	180.4770, 26.8798, 11.8597
Hunter-Lab	66.0750, 20.3544, -29.4513

Details

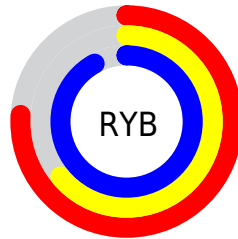
The CIELCh color $72, 40.724, 308.270$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 38.728, 125.094$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.439, 322.179$, and $52, 40.732, 308.084$ is the 20% darker color. If you saturate the color by 10%, you get $65, 54.673, 308.904$, and if you desaturate by 10%, it is $79, 27.041, 307.671$.

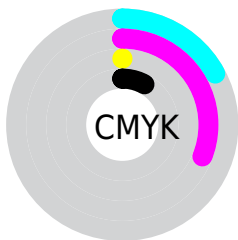
Distribution



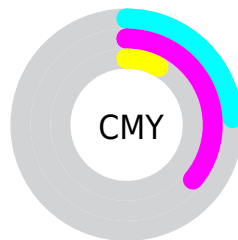
- Red (76%)
- Green (64%)
- Blue (92%)



- Red (76%)
- Yellow (64%)
- Blue (92%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)





- Cyan (24%)
- Magenta (36%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 40.724, 308.270 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, 40.724, 308.270 by changing the saturation by 10% instead.


 72, 40.724,
308.270


 72, 40.724,
308.270


 100, 40.724,
308.270


 62, 40.724,
308.270


 92, 40.724,
308.270

 52, 40.724,
308.270

 42, 40.724,
308.270

 32, 40.724,
308.270

 22, 40.724,
308.270

 12, 40.724,
308.270

 2, 40.724, 308.270

0, 40.724, 308.270

72, 40.724,
308.270

72, 40.724,
308.270

65, 54.673,
308.904

79, 27.041,
307.671

59, 68.699,
309.546

86, 13.727,
307.120

53, 82.442,
310.148

93, 0.819, 306.505

47, 95.296,
310.630

99, 10.509,
124.147

42, 106.358,
310.876

100, 10.126,
109.411

38, 114.541,
310.749

■ 36,119.265,
310.268

Harmonies

Complementary

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



72, 40.724, 308.270



89, 38.728, 125.094

Rectangle

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



72, 40.724, 308.270



72, 40.724, 358.270



72, 40.724, 128.270



72, 40.724, 178.270

Sweetspot

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



72, 40.722, 308.270



93, 12.379, 307.036



80, 20.485, 250.343



49, 8.621, 307.113



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, 40.722, 308.270



73, 52.983, 308.681



75, 44.794, 323.689



45, 7.308, 307.059



27, 97.910, 310.450



4, 37.317, 309.297

Inverse Universe

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



75, 34.190, 342.735



77, 44.055, 343.422



87, 44.576, 140.266



46, 6.250, 340.791



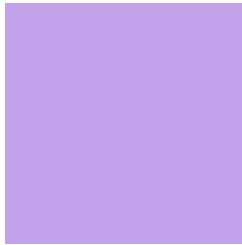
39, 66.763, 355.522



8, 29.395, 350.124

Previews

White Background



This preview shows how the CIELCh color 72, 40.724, 308.270 looks on a white background.

Color Contrast Check

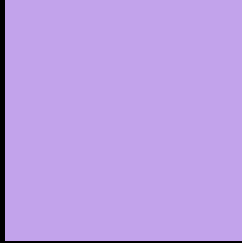
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 40.724, 308.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

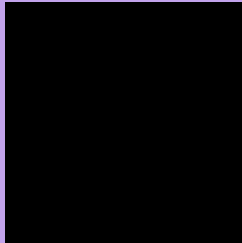
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.724, 308.270

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.724, 308.270.




This preview shows how white text looks on a background with the CIELCh color 72, 40.724, 308.270.

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





Tritanopia
72, 8.604, 324.792

Trichromacy



Original Color
72, 40.724, 308.270

Protanomaly
72, 38.711, 293.822

Deuteranomaly
72, 34.963, 295.581

Tritanomaly
72, 20.467, 312.263

Monochromacy



Original Color
72, 40.724, 308.270

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.748, 306.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.724, 308.270 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(194, 163, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 235)  
}
```

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(194, 163, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.724, 308.270 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(194, 163, 235) }
```

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

```
.border{ border-color:rgb(194, 163, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.724, 308.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 235) }
```

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

```
.background{ background-color: rgb(194,  
163, 235) }
```

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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