

Converting Colors

CIELCh(72, 16.864, 318.399)

Have a look what the booklet for
CIELCh(72, 16.864, 318.399)
contains.

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Color

CIELCh(72, 16.640, 318.725)

Conversions

Conversions Part 1

Format	Color
Hex	BFAAC5
RGB	191, 170, 197
RGB Percent	75%, 67%, 77%
CMY	0.2524, 0.3347, 0.2289
CMYK	0.03, 0.14, 0.00, 0.23
HSL	287°, 19%, 72%
HSV	287°, 14%, 77%
XYZ	45.7378, 43.6590, 58.6194
YIQ	179.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

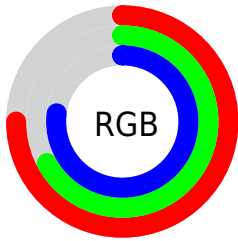
Format	Color
R _Y B	191, 170, 197
Decimal	12561093
CIE Lab	72.00, 12.51, -10.98
CIE LCh	72, 16.640, 318.725
Yxy	43.6590, 0.3090, 0.2950
Android (android.graphics.Color)	4290751173 (0xFFBFAAC5)
YUV	179.3570, 8.6980, 10.2109
Hunter-Lab	66.0750, 7.9284, -6.3476

Details

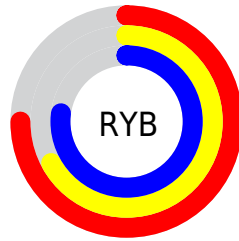
The CIELCh color $72, 16.640, 318.725$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 16.509, 137.517$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.919, 318.041$, and $52, 16.314, 318.326$ is the 20% darker color. If you saturate the color by 10%, you get $67, 28.962, 319.171$, and if you desaturate by 10%, it is $77, 4.477, 318.257$.

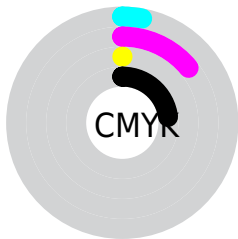
Distribution



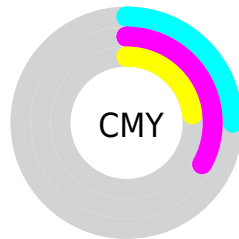
- Red (75%)
- Green (67%)
- Blue (77%)



- Red (75%)
- Yellow (67%)
- Blue (77%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)





- Cyan (25%)
- Magenta (33%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.640, 318.725 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, 16.640, 318.725 by changing the saturation by 10% instead.


 72, 16.640,
318.725


 72, 16.640,
318.725


 100, 16.640,
318.725


 62, 16.640,
318.725


 92, 16.640,
318.725

 52, 16.640,
318.725

 42, 16.640,
318.725

 32, 16.640,
318.725

 22, 16.640,
318.725

 12, 16.640,
318.725

 2, 16.640, 318.725

■ 0, 16.640, 318.725

■ 72, 16.640,
318.725

■ 72, 16.640,
318.725

■ 67, 28.962,
319.171

■ 77, 4.477, 318.257

■ 83, 7.431, 137.909

■ 62, 41.298,
319.604

■ 88, 19.035,
137.497

■ 57, 53.412,
320.004

■ 94, 30.312,
137.123

■ 52, 64.962,
320.342

■ 96, 33.568,
135.536

■ 48, 75.486,
320.578

■ 96, 32.834,
133.203

■ 45, 84.423,
320.666

■ 96, 32.155,

■ 42, 91.212,
320.556

130.737

■ 40, 95.467,
320.207

■ 97, 31.537,
128.142

■ 39, 97.182,
319.898

■ 97, 30.986,
125.420

Harmonies

Complementary

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



72, 16.640, 318.725



77, 16.509, 137.517

Rectangle

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



72, 16.640, 318.725



72, 16.640, 8.725



72, 16.640, 138.725



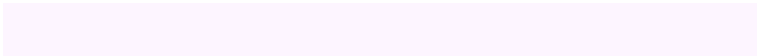
72, 16.640, 188.725

Sweetspot

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



72, 16.638, 318.724



97, 5.939, 318.275



72, 11.440, 280.071



51, 4.223, 318.314



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, 16.638, 318.724



89, 24.002, 318.838



72, 14.734, 333.862



39, 6.913, 318.529



32, 84.594, 320.002



3, 24.237, 317.400

Inverse Universe

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



72, 10.808, 2.857



89, 15.654, 3.142



77, 14.659, 152.032



39, 4.460, 2.384



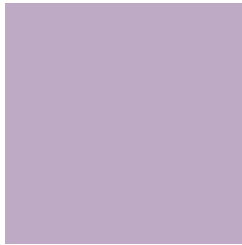
34, 65.310, 27.160



3, 16.246, 8.046

Previews

White Background



This preview shows how the CIELCh color 72, 16.640, 318.725 looks on a white background.

Color Contrast Check

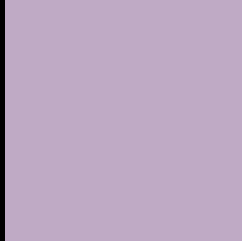
Large Text (above 18pt) WCAG AA × Fail

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, 16.640, 318.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

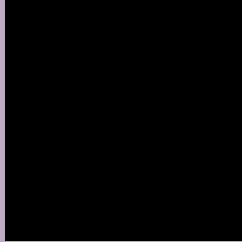
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.640, 318.725

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.640, 318.725.



This preview shows how white text looks on a background with the CIELCh color 72, 16.640, 318.725.

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, 16.640, 318.725

Protanopia

72, 13.627, 288.542

Deuteranopia

72, 13.964, 311.033



Tritanopia
72, 9.532, 332.332

Trichromacy



Original Color
72, 16.640, 318.725

Protanomaly
72, 14.379, 300.072

Deuteranomaly
72, 14.879, 314.325

Tritanomaly
72, 12.105, 326.418

Monochromacy



Original Color
72, 16.640, 318.725

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.569, 318.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.640, 318.725 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(191, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 197)  
}
```

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(191, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.640, 318.725 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(191, 170, 197) }
```

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

```
.border{ border-color:rgb(191, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.640, 318.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 197) }
```

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

```
.background{ background-color: rgb(191,  
170, 197) }
```

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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