

Converting Colors

CIELCh(72, 37.824, 325.900)

Have a look what the booklet for
CIELCh(72, 37.824, 325.900)
contains.

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Color

CIELCh(72, 38.157, 325.923)

Conversions

Conversions Part 1

Format	Color
Hex	D89DD8
RGB	216, 157, 216
RGB Percent	85%, 62%, 85%
CMY	0.1530, 0.3844, 0.1530
CMYK	0.00, 0.27, 0.00, 0.15
HSL	300°, 43%, 73%
HSV	300°, 27%, 85%
XYZ	52.7576, 43.6590, 70.5975
YIQ	181.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

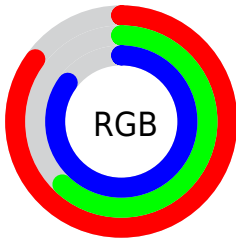
Format	Color
R _Y B	216, 157, 216
Decimal	14196184
CIE Lab	72.00, 31.60, -21.38
CIE LCh	72, 38.157, 325.923
Yxy	43.6590, 0.3159, 0.2614
Android (android.graphics.Color)	4292386264 (0xFFD89DD8)
YUV	181.3670, 17.0741, 30.3731
Hunter-Lab	66.0750, 26.8922, -17.0957

Details

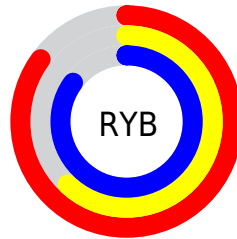
The CIELCh color $72, 38.157, 325.923$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 38.150, 142.574$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.948, 325.363$, and $52, 37.944, 325.762$ is the 20% darker color. If you saturate the color by 10%, you get $67, 51.784, 326.442$, and if you desaturate by 10%, it is $77, 24.186, 325.379$.

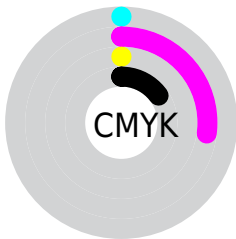
Distribution



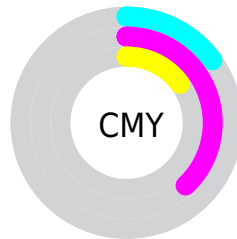
- Red (85%)
- Green (62%)
- Blue (85%)



- Red (85%)
- Yellow (62%)
- Blue (85%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)




- Cyan (15%)
- Magenta (38%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 38.157, 325.923 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, 38.157, 325.923 by changing the saturation by 10% instead.


 72, 38.157,
325.923


 72, 38.157,
325.923


 100, 38.157,
325.923


 62, 38.157,
325.923


 92, 38.157,
325.923

 52, 38.157,
325.923

 42, 38.157,
325.923

 32, 38.157,
325.923

 22, 38.157,
325.923

 12, 38.157,
325.923

 2, 38.157, 325.923

■ 0, 38.157, 325.923

■ 72, 38.157,
325.923

■ 72, 38.157,
325.923

■ 67, 51.784,
326.442

■ 77, 24.186,
325.379

■ 63, 64.676,
326.922

■ 82, 10.171,
324.815

■ 59, 76.337,
327.345

■ 88, 3.687, 144.372

■ 56, 86.227,
327.694

■ 93, 17.260,
143.780

■ 54, 93.852,
327.958

■ 96, 24.419,
143.497

■ 52, 98.906,
328.130

■ 96, 24.419,
143.497

■ 51, 101.466,
328.216

■ 96, 24.419,
143.496

■ 51, 101.950,
328.233

■ 96, 24.419,
143.496

■ 96, 24.419,
143.496

Harmonies

Complementary

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



72, 38.157, 325.923



81, 38.150, 142.574

Rectangle

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



72, 38.157, 325.923



72, 38.157, 15.923



72, 38.157, 145.923



72, 38.157, 195.923

Sweetspot

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



72, 38.155, 325.923



95, 12.733, 324.860



67, 32.096, 292.834



50, 9.057, 324.947



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, 38.155, 325.923



80, 52.585, 326.238



71, 27.512, 345.217



42, 7.847, 324.937



41, 85.606, 328.233



6, 32.951, 328.043

Inverse Universe

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



70, 23.639, 21.596



78, 33.410, 22.337



82, 26.669, 160.294



42, 4.550, 19.929



35, 77.349, 39.899



5, 22.000, 19.767

Previews

White Background



This preview shows how the CIELCh color 72, 38.157, 325.923 looks on a white background.

Color Contrast Check

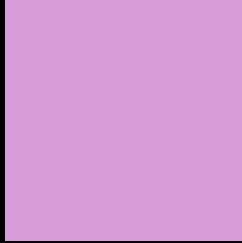
Large Text (above 18pt) WCAG AA × Fail

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, 38.157, 325.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

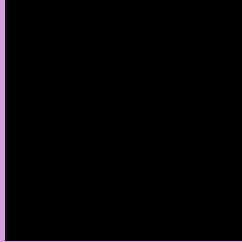
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 38.157, 325.923

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.157, 325.923.



This preview shows how white text looks on a background with the CIELCh color 72, 38.157, 325.923.

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, 38.157, 325.923

Protanopia

72, 29.524, 285.480

Deuteranopia

72, 21.854, 294.954



Tritanopia
72, 19.316, 359.915

Trichromacy



Original Color
72, 38.157, 325.923

Protanomaly
72, 31.032, 301.730

Deuteranomaly
72, 27.082, 310.462

Tritanomaly
72, 25.240, 341.732

Monochromacy



Original Color
72, 38.157, 325.923

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.482, 325.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.157, 325.923 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(216, 157, 216)` looks like.

```
.text, #text, p{  
    color:rgb(216, 157, 216)  
}
```

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(216, 157, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 157, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.157, 325.923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

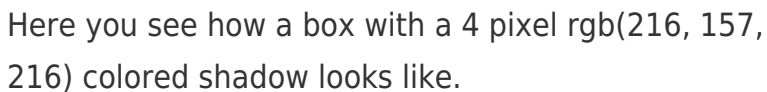
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 157, 216) }
```

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

```
.border{ border-color:rgb(216, 157, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 157, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 157, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 157, 216);  
box-shadow:4px 4px 4px 4px rgb(216, 157,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.157, 325.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 157, 216) }
```

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

```
.background{ background-color: rgb(216,  
157, 216) }
```

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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