

Converting Colors

CIELCh(72, 27.002, 340.749)

Have a look what the booklet for
CIELCh(72, 27.002, 340.749)
contains.

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Color

CIELCh(72, 27.072, 340.689)

Conversions

Conversions Part 1

Format	Color
Hex	D7A0C1
RGB	215, 160, 193
RGB Percent	84%, 63%, 76%
CMY	0.1552, 0.3710, 0.2415
CMYK	0.00, 0.26, 0.10, 0.16
HSL	324°, 41%, 74%
HSV	324°, 26%, 84%
XYZ	50.4592, 43.6590, 56.4585
YIQ	180.2070, 22.1870, 21.9230

Conversions

Conversions Part 2

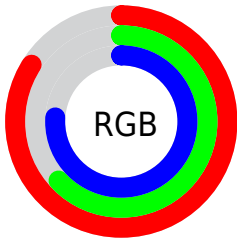
Format	Color
R_{YB}	215, 160, 193
Decimal	14131393
CIE _{Lab}	72.00, 25.55, -8.95
CIE _{LCh}	72, 27.072, 340.689
Yxy	43.6590, 0.3351, 0.2899
Android (android.graphics.Color)	4292321473 (0xFFD7A0C1)
YUV	180.2070, 6.3069, 30.5135
Hunter-Lab	66.0750, 20.6832, -4.4085

Details

The CIELCh color $72, 27.072, 340.689$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 26.572, 156.485$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 22.605, 329.781$, and $52, 26.987, 341.468$ is the 20% darker color. If you saturate the color by 10%, you get $67, 37.651, 341.647$, and if you desaturate by 10%, it is $77, 16.381, 339.817$.

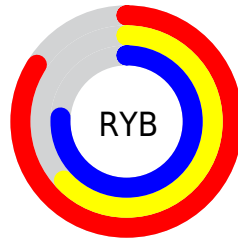
Distribution



Red (84%)

Green (63%)

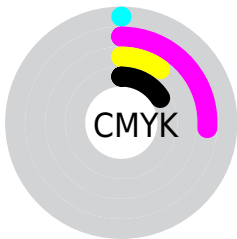
Blue (76%)



Red (84%)

Yellow (63%)

Blue (76%)

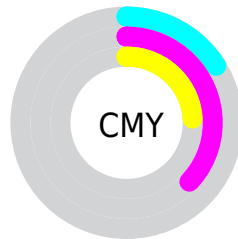


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 27.072, 340.689 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, 27.072, 340.689 by changing the saturation by 10% instead.

 72, 27.072,
340.689

 72, 27.072,
340.689

 100, 27.072,
340.689

 62, 27.072,
340.689

 92, 27.072,
340.689

 52, 27.072,
340.689

 42, 27.072,
340.689

 32, 27.072,
340.689

 22, 27.072,
340.689

 12, 27.072,
340.689

 2, 27.072, 340.689

0, 27.072, 340.689

72, 27.072,
340.689

72, 27.072,
340.689

67, 37.651,
341.647

77, 16.381,
339.817

62, 47.824,
342.716

83, 5.788, 338.982

58, 57.172,
343.940

89, 4.587, 158.405

94, 14.675,
157.669

54, 65.181,
345.375

97, 16.790,
164.095

51, 71.311,
347.108

97, 14.524,
178.131

49, 75.147,
349.251

97, 13.338,

■ 48, 76.597,
351.928

195.837

■ 47, 76.806,
353.255

■ 97, 13.277,
198.619

Harmonies

Complementary

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



72, 27.072, 340.689



82, 26.572, 156.485

Rectangle

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



72, 27.072, 340.689



72, 27.072, 30.689



72, 27.072, 160.689



72, 27.072, 210.689

Sweetspot

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



72, 27.069, 340.690



95, 9.606, 339.198



70, 31.268, 306.914



50, 6.837, 339.324



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, 27.069, 340.690



81, 37.697, 341.229



71, 21.807, 13.644



42, 5.923, 339.310



37, 64.798, 352.708



5, 24.784, 347.353

Inverse Universe

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



72, 27.069, 340.690



81, 37.697, 341.229



82, 18.986, 189.193



42, 5.923, 339.310



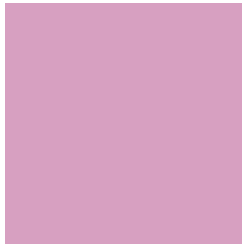
37, 64.798, 352.708



5, 24.784, 347.353

Previews

White Background



This preview shows how the CIELCh color 72, 27.072, 340.689 looks on a white background.

Color Contrast Check

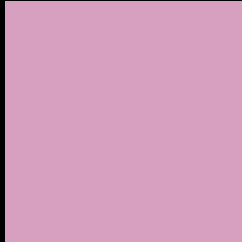
Large Text (above 18pt) WCAG AA × Fail

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, 27.072, 340.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

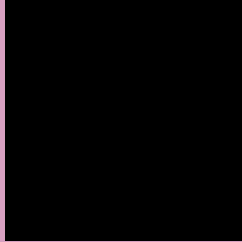
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.072, 340.689

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.072, 340.689.



This preview shows how white text looks on a background with the CIELCh color 72, 27.072, 340.689.

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, 20.432, 1.263

Trichromacy



Original Color
72, 27.072, 340.689

Protanomaly
72, 17.671, 313.112

Deuteranomaly
72, 16.927, 330.462

Tritanomaly
72, 22.465, 352.806

Monochromacy



Original Color
72, 27.072, 340.689

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 9.936, 339.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.072, 340.689 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(215, 160, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 160, 193)  
}
```

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(215, 160, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 160, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.072, 340.689 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(215, 160, 193) }
```

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

```
.border{ border-color:rgb(215, 160, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 160, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 160, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 160, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 160,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.072, 340.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 160, 193) }
```

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

```
.background{ background-color: rgb(215,  
160, 193) }
```

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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