

Converting Colors

CIELCh(72, 28.474, 327.017)

Have a look what the booklet for
CIELCh(72, 28.474, 327.017)
contains.

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Color

CIELCh(72, 28.488, 326.858)

Conversions

Conversions Part 1

Format	Color
Hex	CFA2CD
RGB	207, 162, 205
RGB Percent	81%, 64%, 80%
CMY	0.1872, 0.3637, 0.1950
CMYK	0.00, 0.22, 0.01, 0.19
HSL	303°, 32%, 72%
HSV	303°, 22%, 81%
XYZ	49.8280, 43.6590, 63.7309
YIQ	180.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

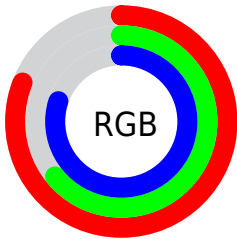
Format	Color
R_{YB}	207, 162, 205
Decimal	13607629
CIE _{Lab}	72.00, 23.85, -15.57
CIE _{LCh}	72, 28.488, 326.858
Yxy	43.6590, 0.3169, 0.2777
Android (android.graphics.Color)	4291797709 (0xFFCFA2CD)
YUV	180.3570, 12.1490, 23.3659
Hunter-Lab	66.0750, 18.9779, -10.9341

Details

The CIELCh color $72, 28.488, 326.858$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 28.460, 144.228$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $52, 28.536, 326.562$ is the 20% darker color. If you saturate the color by 10%, you get $67, 41.505, 327.415$, and if you desaturate by 10%, it is $77, 15.321, 326.289$.

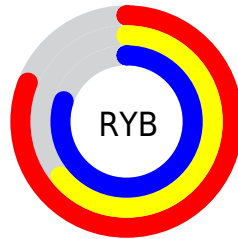
Distribution



Red (81%)

Green (64%)

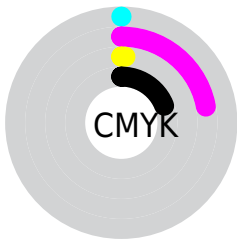
Blue (80%)



Red (81%)

Yellow (64%)

Blue (80%)

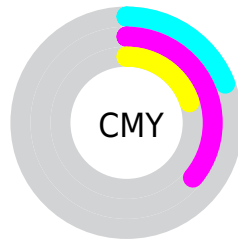


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.488, 326.858 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, 28.488, 326.858 by changing the saturation by 10% instead.


 72, 28.488,
326.858

 72, 28.488,
326.858

 100, 28.488,
326.858

 62, 28.488,
326.858


 92, 28.488,
326.858

 52, 28.488,
326.858

 42, 28.488,
326.858

 32, 28.488,
326.858

 22, 28.488,
326.858

 12, 28.488,
326.858

 2, 28.488, 326.858

0, 28.488, 326.858

72, 28.488,
326.858

72, 28.488,
326.858

67, 41.505,
327.415

77, 15.321,
326.289

63, 54.063,
327.950

82, 2.234, 325.626

59, 65.741,
328.451

88, 10.629,
145.229

55, 76.038,
328.905

93, 23.180,
144.687

53, 84.433,
329.302

96, 28.801,
144.725

51, 90.497,
329.635

96, 28.417,
145.274

■ 49, 94.040,
329.907

■ 96, 28.035,
145.837

■ 49, 95.438,
330.099

■ 96, 27.655,
146.414

■ 96, 27.277,
147.007

Harmonies

Complementary

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



72, 28.488, 326.858



79, 28.460, 144.228

Rectangle

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



72, 28.488, 326.858



72, 28.488, 16.858



72, 28.488, 146.858



72, 28.488, 196.858

Sweetspot

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



72, 28.486, 326.858



96, 10.803, 326.018



68, 24.835, 293.825



51, 7.022, 326.055



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, 28.486, 326.858



84, 40.340, 327.116



71, 20.436, 347.465



41, 7.464, 326.156



39, 81.777, 330.071



6, 30.079, 329.301

Inverse Universe

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



72, 28.486, 326.858



84, 40.340, 327.116



80, 19.798, 163.535



41, 7.464, 326.156



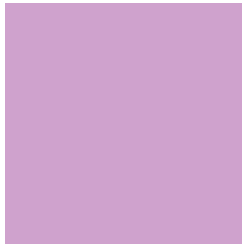
39, 81.777, 330.071



6, 30.079, 329.301

Previews

White Background



This preview shows how the CIELCh color 72, 28.488, 326.858 looks on a white background.

Color Contrast Check

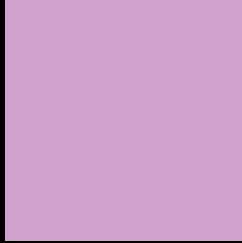
Large Text (above 18pt) WCAG AA × Fail

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, 28.488, 326.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

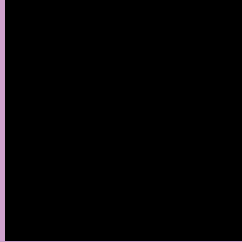
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.488, 326.858

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.488, 326.858.



This preview shows how white text looks on a background with the CIELCh color 72, 28.488, 326.858.

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, 28.488, 326.858

Protanopia

72, 21.313, 285.869

Deuteranopia

72, 17.263, 302.392



Tritanopia
72, 15.719, 354.261

Trichromacy



Original Color
72, 28.488, 326.858

Protanomaly
72, 22.843, 302.776

Deuteranomaly
72, 21.376, 314.507

Tritanomaly
72, 19.810, 340.146

Monochromacy



Original Color
72, 28.488, 326.858

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 10.768, 326.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.488, 326.858 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(207, 162, 205)` looks like.

```
.text, #text, p{  
    color:rgb(207, 162, 205)  
}
```

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(207, 162, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 162, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.488, 326.858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

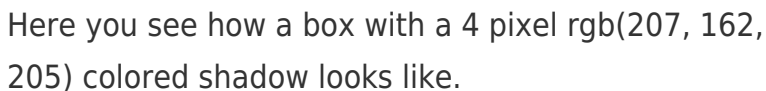
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 162, 205) }
```

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

```
.border{ border-color:rgb(207, 162, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 162, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 162, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 162, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 162,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.488, 326.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 162, 205) }
```

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

```
.background{ background-color: rgb(207,  
162, 205) }
```

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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