

Converting Colors

CIELCh(72, 23.410, 325.403)

Have a look what the booklet for
CIELCh(72, 23.410, 325.403)
contains.

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Color

CIELCh(72, 23.600, 325.408)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5C9
RGB	201, 165, 201
RGB Percent	79%, 65%, 79%
CMY	0.2109, 0.3521, 0.2109
CMYK	0.00, 0.18, 0.00, 0.21
HSL	300°, 25%, 72%
HSV	300°, 18%, 79%
XYZ	48.2050, 43.6590, 61.2758
YIQ	179.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

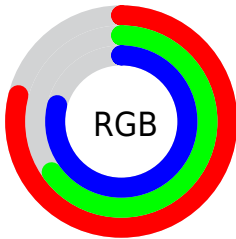
Format	Color
RYP	201, 165, 201
Decimal	13215177
CIELab	72.00, 19.43, -13.40
CIElCh	72, 23.600, 325.408
Yxy	43.6590, 0.3148, 0.2851
Android (android.graphics.Color)	4291405257 (0xFFC9A5C9)
YUV	179.8680, 10.4181, 18.5328
Hunter-Lab	66.0750, 14.5935, -8.7312

Details

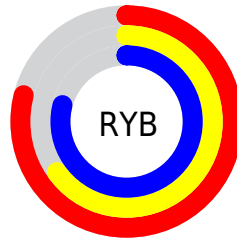
The CIELCh color $72, 23.600, 325.408$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 23.578, 143.327$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.910, 325.187$, and $52, 23.630, 325.663$ is the 20% darker color. If you saturate the color by 10%, you get $67, 36.777, 325.949$, and if you desaturate by 10%, it is $77, 10.364, 324.848$.

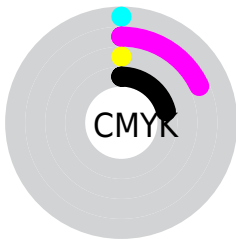
Distribution



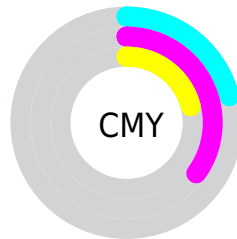
- Red (79%)
- Green (65%)
- Blue (79%)



- Red (79%)
- Yellow (65%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 23.600, 325.408 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, 23.600, 325.408 by changing the saturation by 10% instead.


 72, 23.600,
325.408

 72, 23.600,
325.408


 100, 23.600,
325.408

 62, 23.600,
325.408


 92, 23.600,
325.408

 52, 23.600,
325.408

 42, 23.600,
325.408

 32, 23.600,
325.408

 22, 23.600,
325.408

 12, 23.600,
325.408

 2, 23.600, 325.408

0, 23.600, 325.408

72, 23.600,
325.408

72, 23.600,
325.408

67, 36.777,
325.949

77, 10.364,
324.848

63, 49.622,
326.464

82, 2.731, 144.425

59, 61.757,
326.940

87, 15.564,
143.816

55, 72.718,
327.359

93, 28.059,
143.295

52, 81.997,
327.704

95, 33.711,
143.064

50, 89.136,
327.965

95, 33.710,
143.065

■ 49, 93.856,
328.134

■ 95, 33.710,
143.065

■ 48, 96.283,
328.221

■ 95, 33.710,
143.066

■ 48, 96.677,
328.235

■ 95, 33.709,
143.066

Harmonies

Complementary

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



72, 23.600, 325.408



78, 23.578, 143.327

Rectangle

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



72, 23.600, 325.408



72, 23.600, 15.408



72, 23.600, 145.408



72, 23.600, 195.408

Sweetspot

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



72, 23.598, 325.408



97, 7.944, 324.680



69, 19.809, 292.153



51, 5.422, 324.724



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, 23.598, 325.408



87, 33.584, 325.594



71, 16.724, 345.182



39, 7.382, 324.933



39, 82.757, 328.235



4, 26.741, 327.028

Inverse Universe

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



72, 23.598, 325.408



87, 33.584, 325.594



78, 16.353, 162.120



39, 7.382, 324.933



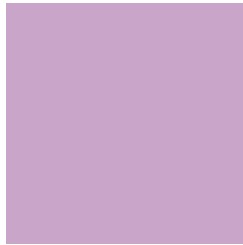
39, 82.757, 328.235



4, 26.741, 327.028

Previews

White Background



This preview shows how the CIELCh color 72, 23.600, 325.408 looks on a white background.

Color Contrast Check

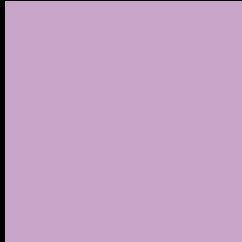
Large Text (above 18pt) WCAG AA × Fail

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, 23.600, 325.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

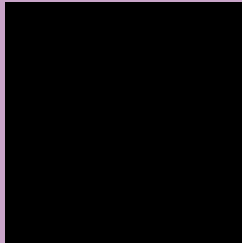
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 23.600, 325.408

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.600, 325.408.




This preview shows how white text looks on a background with the CIELCh color 72, 23.600, 325.408.

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, 13.030, 347.816

Trichromacy



Original Color
72, 23.600, 325.408

Protanomaly
72, 19.487, 302.349

Deuteranomaly
72, 17.945, 315.288

Tritanomaly
72, 16.251, 336.295

Monochromacy



Original Color
72, 23.600, 325.408

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.586, 324.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.600, 325.408 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(201, 165, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 201)  
}
```

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(201, 165, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.600, 325.408 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(201, 165, 201) }
```

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

```
.border{ border-color:rgb(201, 165, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.600, 325.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 201) }
```

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

```
.background{ background-color: rgb(201,  
165, 201) }
```

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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