

Converting Colors

CIELCh(52, 72.239, 327.425)

Have a look what the booklet for
CIELCh(52, 72.239, 327.425)
contains.

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Color

CIELCh(52, 72.474, 327.445)

Conversions

Conversions Part 1

Format	Color
Hex	C04CC0
RGB	192, 76, 192
RGB Percent	75%, 30%, 75%
CMY	0.2475, 0.7024, 0.2475
CMYK	0.00, 0.60, 0.00, 0.25
HSL	300°, 48%, 53%
HSV	300°, 60%, 75%
XYZ	33.7860, 20.1443, 51.9098
YIQ	123.9080, 31.9000, 60.6680

Conversions

Conversions Part 2

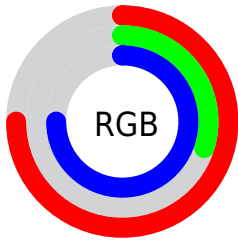
Format	Color
RYB	192, 76, 192
Decimal	12602560
CIELab	52.00, 61.09, -39.00
CIElCh	52, 72.474, 327.445
Yxy	20.1443, 0.3192, 0.1903
Android (android.graphics.Color)	4290792640 (0xFFC04CC0)
YUV	123.9080, 33.5694, 59.7167
Hunter-Lab	44.8824, 55.8247, -37.1555

Details

The CIELCh color **52, 72.474, 327.445** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **69, 73.257, 139.216**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 72.324, 327.433**, and **32, 72.445, 327.347** is the 20% darker color. If you saturate the color by 10%, you get **49, 80.951, 327.771**, and if you desaturate by 10%, it is **55, 62.267, 327.044**.

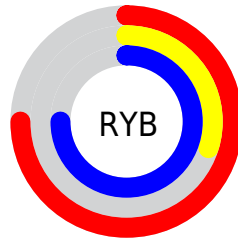
Distribution



Red (75%)

Green (30%)

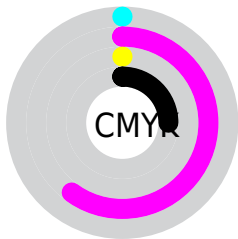
Blue (75%)



Red (75%)

Yellow (30%)

Blue (75%)

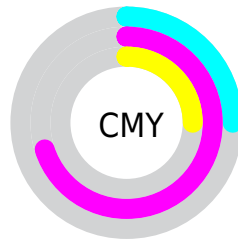


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (70%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 72.474, 327.445 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 52, 72.474, 327.445 by changing the saturation by 10% instead.

 52, 72.474,
327.445

 52, 72.474,
327.445

 100, 72.474,
327.445

 42, 72.474,
327.445


 72, 72.474,
327.445

 32, 72.474,
327.445

 82, 72.474,
327.445

 22, 72.474,
327.445

 92, 72.474,
327.445

 12, 72.474,
327.445

 2, 72.474, 327.445

 0, 72.474, 327.445

52, 72.474,
327.445

52, 72.474,
327.445

49, 80.951,
327.771

55, 62.267,
327.044

47, 87.295,
328.009

59, 50.820,
326.582

46, 91.296,
328.157

63, 38.591,
326.076

46, 93.313,
328.231

68, 25.962,
325.542

73, 13.221,
324.990

77, 0.574, 324.031

82, 11.846,
143.954

88, 23.957,
143.427

■ 93, 35.717,
142.928

Harmonies

Complementary

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



52, 72.474, 327.445



69, 73.257, 139.216

Rectangle

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



52, 72.474, 327.445



52, 72.474, 17.445



52, 72.474, 147.445



52, 72.474, 197.445

Sweetspot

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



52, 72.472, 327.445



87, 28.307, 325.424



39, 68.979, 299.075



45, 19.675, 325.584



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 72.472, 327.445



63, 101.939, 327.870



50, 53.461, 349.613



38, 7.226, 324.929



38, 81.806, 328.231



4, 24.213, 326.358

Inverse Universe

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



48, 52.541, 27.519



57, 80.075, 31.721



70, 50.979, 156.027



38, 4.188, 19.918



33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 52, 72.474, 327.445 looks on a white background.

Color Contrast Check

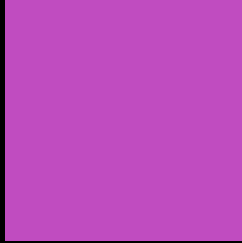
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 72.474, 327.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

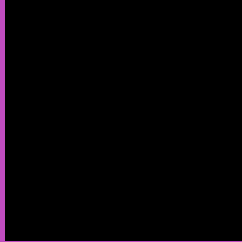
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 72.474, 327.445

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.474, 327.445.

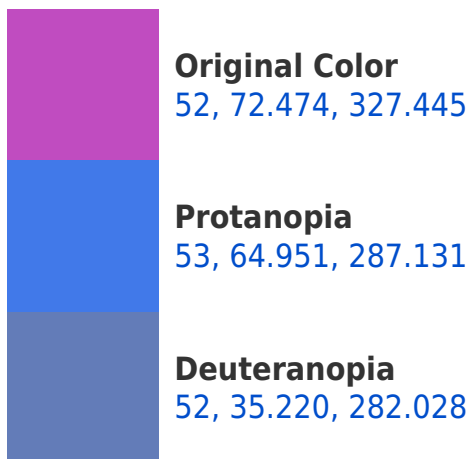


This preview shows how white text looks on a background with the CIELCh color 52, 72.474, 327.445.

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
52, 35.349, 17.774

Trichromacy



Original Color
52, 72.474, 327.445



Protanomaly
50, 65.765, 299.162



Deuteranomaly
51, 47.476, 305.685



Tritanomaly
52, 44.511, 349.445

Monochromacy



Original Color
52, 72.474, 327.445



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 29.097, 325.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.474, 327.445 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(192, 76, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 76, 192)  
}
```

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(192, 76, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 76, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.474, 327.445 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(192, 76, 192) }
```

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

```
.border{ border-color:rgb(192, 76, 192) }
```

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

Here you see how a box with a 4 pixel rgb(192, 76, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 76, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 76, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 76,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.474, 327.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 76, 192) }
```

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

```
.background{ background-color: rgb(192, 76,  
192) }
```

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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