

Converting Colors

CIELCh(52, 69.613, 330.803)

Have a look what the booklet for
CIELCh(52, 69.613, 330.803)
contains.

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Color

CIELCh(52, 69.624, 330.788)

Conversions

Conversions Part 1

Format	Color
Hex	C34BB7
RGB	195, 75, 183
RGB Percent	76%, 29%, 72%
CMY	0.2341, 0.7047, 0.2812
CMYK	0.00, 0.61, 0.06, 0.23
HSL	306°, 50%, 53%
HSV	306°, 61%, 77%
XYZ	33.6953, 20.1443, 47.0658
YIQ	123.1920, 36.8520, 59.0280

Conversions

Conversions Part 2

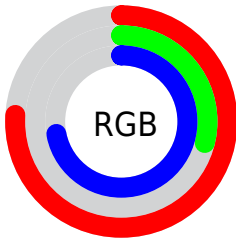
Format	Color
R_{YB}	195, 75, 183
Decimal	12798903
CIE _{Lab}	52.00, 60.77, -33.98
CIE _{LCh}	52, 69.624, 330.788
Yxy	20.1443, 0.3339, 0.1996
Android (android.graphics.Color)	4290988983 (0xFFC34BB7)
YUV	123.1920, 29.4853, 62.9756
Hunter-Lab	44.8824, 55.4639, -30.7565

Details

The CIELCh color **52, 69.624, 330.788** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **70, 70.763, 141.614**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 69.362, 330.869**, and **32, 69.859, 330.618** is the 20% darker color. If you saturate the color by 10%, you get **49, 77.391, 331.305**, and if you desaturate by 10%, it is **55, 60.100, 330.244**.

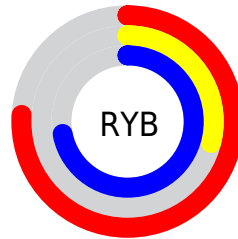
Distribution



Red (76%)

Green (29%)

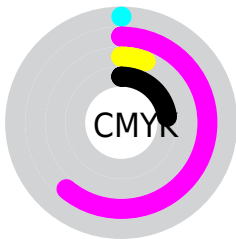
Blue (72%)



Red (76%)

Yellow (29%)

Blue (72%)

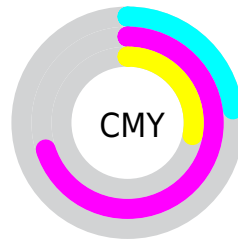


Cyan (0%)

Magenta (61%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (70%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 69.624, 330.788 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, 69.624, 330.788 by changing the saturation by 10% instead.

 52, 69.624,
330.788


 52, 69.624,
330.788

 100, 69.624,
330.788


 42, 69.624,
330.788

 72, 69.624,
330.788

 32, 69.624,
330.788

 82, 69.624,
330.788

 22, 69.624,
330.788

 92, 69.624,
330.788

 12, 69.624,
330.788

 2, 69.624, 330.788

 0, 69.624, 330.788

52, 69.624,
330.788

52, 69.624,
330.788

49, 77.391,
331.305

55, 60.100,
330.244

47, 82.981,
331.799

59, 49.325,
329.678

46, 86.176,
332.278

64, 37.764,
329.096

45, 87.380,
332.687

68, 25.801,
328.507

73, 13.722,
327.914

78, 1.726, 327.199

83, 10.057,
146.830

89, 21.553,
146.278

■ 94, 32.721,
145.760

Harmonies

Complementary

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



52, 69.624, 330.788



70, 70.763, 141.614

Rectangle

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



52, 69.624, 330.788



52, 69.624, 20.788



52, 69.624, 150.788



52, 69.624, 200.788

Sweetspot

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



52, 69.622, 330.788



89, 26.875, 328.320



40, 72.291, 301.884



46, 18.686, 328.495



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 69.622, 330.788



63, 97.480, 331.492



50, 52.428, 357.820



38, 6.746, 327.788



37, 75.688, 332.616



4, 22.052, 329.966

Inverse Universe

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



52, 69.622, 330.788



63, 97.480, 331.492



71, 47.118, 162.290



38, 6.746, 327.788



37, 75.688, 332.616



4, 22.052, 329.966

Previews

White Background



This preview shows how the CIELCh color 52, 69.624, 330.788 looks on a white background.

Color Contrast Check

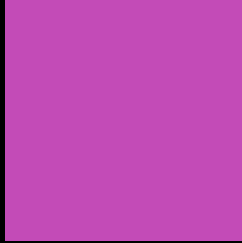
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.624, 330.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

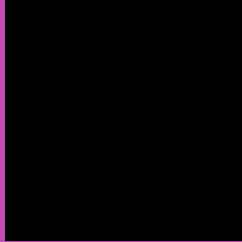
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 69.624, 330.788

Background



This preview shows how black text looks on a background with the CIELCh color 52, 69.624, 330.788.

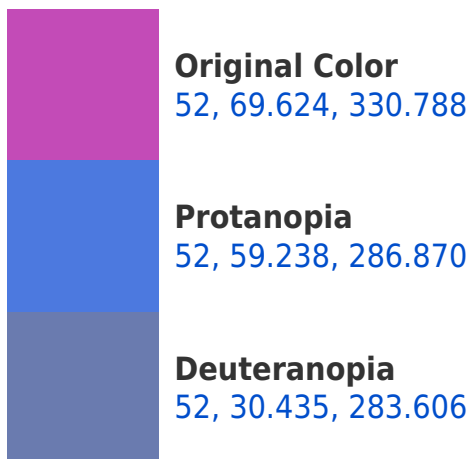


This preview shows how white text looks on a background with the CIELCh color 52, 69.624, 330.788.

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, 38.925, 18.979

Trichromacy



Original Color
52, 69.624, 330.788



Protanomaly
50, 61.384, 301.203



Deuteranomaly
51, 43.442, 309.291



Tritanomaly
52, 45.697, 353.630

Monochromacy



Original Color
52, 69.624, 330.788



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 27.968, 328.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 69.624, 330.788 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(195, 75, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 75, 183)  
}
```

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(195, 75, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 75, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 69.624, 330.788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

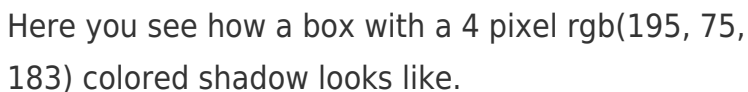
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 75, 183) }
```

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

```
.border{ border-color:rgb(195, 75, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 75, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 75, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 75, 183); box-shadow:4px 4px 4px 4px rgb(195, 75, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 69.624, 330.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 75, 183) }
```

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

```
.background{ background-color: rgb(195, 75,  
183) }
```

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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