

Converting Colors

CIELCh(52, 45.299, 325.413)

Have a look what the booklet for
CIELCh(52, 45.299, 325.413)
contains.

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Color

CIELCh(52, 45.802, 325.304)

Conversions

Conversions Part 1	
Format	Color
Hex	A664A9
RGB	166, 100, 169
RGB Percent	65%, 39%, 66%
CMY	0.3483, 0.6072, 0.3366
CMYK	0.02, 0.41, 0.00, 0.34
HSL	297°, 29%, 53%
HSV	297°, 41%, 66%
XYZ	27.5151, 20.1443, 40.0614
YIQ	127.6000, 17.1870, 35.4510

Conversions

Conversions Part 2

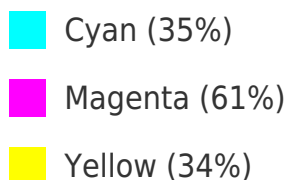
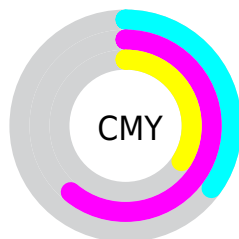
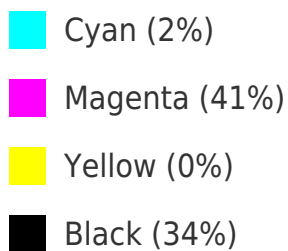
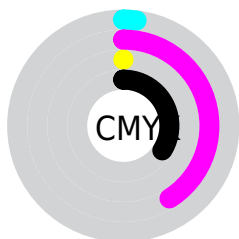
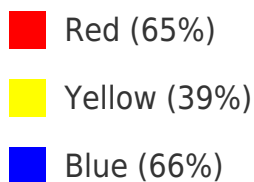
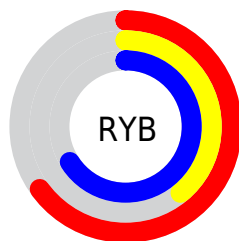
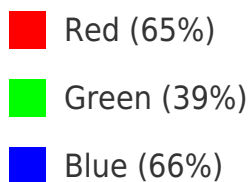
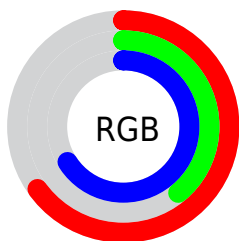
Format	Color
RYB	166, 100, 169
Decimal	10904745
CIELab	52.00, 37.66, -26.07
CIELCh	52, 45.802, 325.304
Yxy	20.1443, 0.3137, 0.2296
Android (android.graphics.Color)	4289094825 (0xFFA664A9)
YUV	127.6000, 20.4102, 33.6768
Hunter-Lab	44.8824, 30.8850, -21.5036

Details

The CIELCh color **52, 45.802, 325.304** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64, 45.740, 140.433**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.814, 325.382**, and **32, 46.109, 324.945** is the 20% darker color. If you saturate the color by 10%, you get **48, 56.147, 325.730**, and if you desaturate by 10%, it is **56, 34.816, 324.832**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 45.802, 325.304 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, 45.802, 325.304 by changing the saturation by 10% instead.


 52, 45.802,
325.304


 52, 45.802,
325.304


 100, 45.802,
325.304


 42, 45.802,
325.304


 72, 45.802,
325.304

 32, 45.802,
325.304

 82, 45.802,
325.304


 22, 45.802,
325.304


 92, 45.802,
325.304


 12, 45.802,
325.304


 2, 45.802, 325.304


 0, 45.802, 325.304


 52, 45.802,
325.304


 52, 45.802,
325.304


 48, 56.147,
325.730


 56, 34.816,
324.832

 45, 65.457,
326.088


 60, 23.521,
324.330


 43, 73.289,
326.359


 64, 12.156,
323.811


 41, 79.248,
326.524


 69, 0.889, 323.073

 40, 83.099,
326.574


 74, 10.172,
142.842

 39, 85.171,
326.538

 78, 20.962,
142.349

 83, 31.445,
141.885

 88, 41.608,
141.449

 92, 51.451,
141.039

Harmonies

Complementary

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



52, 45.802, 325.304



64, 45.740, 140.433

Rectangle

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



52, 45.802, 325.304



52, 45.802, 15.304



52, 45.802, 145.304



52, 45.802, 195.304

Sweetspot

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



52, 45.800, 325.304



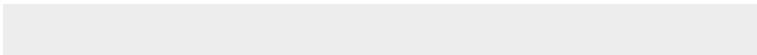
81, 16.712, 323.886



46, 38.899, 293.679



42, 11.076, 323.951



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



52, 45.800, 325.304



63, 67.026, 325.693



51, 34.330, 344.792



33, 6.343, 323.731



34, 77.159, 326.557



2, 11.449, 322.805

Inverse Universe

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



50, 30.005, 20.114



60, 45.609, 21.814



64, 33.137, 157.189



33, 3.726, 16.389



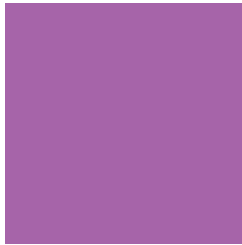
30, 67.488, 37.608



1, 6.586, 16.297

Previews

White Background



This preview shows how the CIELCh color 52, 45.802, 325.304 looks on a white background.

Color Contrast Check

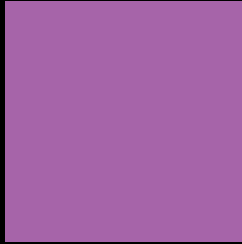
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 45.802, 325.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

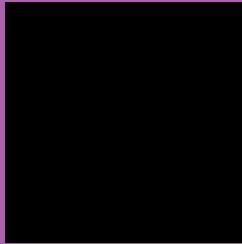
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 45.802, 325.304

Background



This preview shows how black text looks on a background with the CIELCh color 52, 45.802, 325.304.



This preview shows how white text looks on a background with the CIELCh color 52, 45.802, 325.304.

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

52, 45.802, 325.304

Protanopia

52, 37.902, 285.628

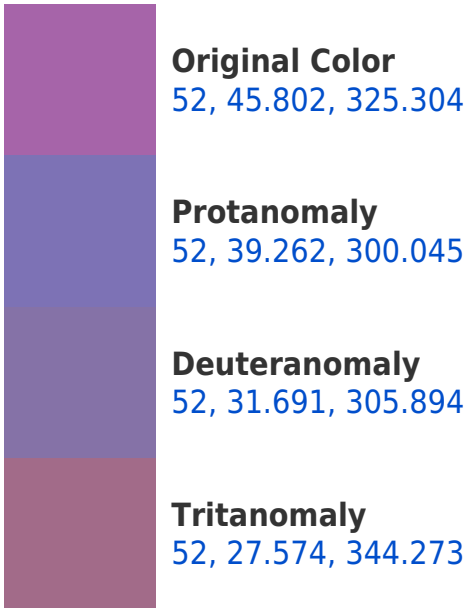
Deuteranopia

52, 25.040, 287.051



Tritanopia
52, 20.901, 9.381

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 45.802, 325.304 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(166, 100, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 100, 169)  
}
```

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(166, 100, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 100, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 45.802, 325.304 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(166, 100, 169) }
```

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

```
.border{ border-color:rgb(166, 100, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 100, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 100, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 100, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 100,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 45.802, 325.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 100, 169) }
```

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

```
.background{ background-color: rgb(166,  
100, 169) }
```

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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