

Converting Colors

CIELCh(52, 39.207, 320.822)

Have a look what the booklet for
CIELCh(52, 39.207, 320.822)
contains.

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Color

CIELCh(52, 39.502, 320.996)

Conversions

Conversions Part 1

Format	Color
Hex	9C6AA7
RGB	156, 106, 167
RGB Percent	61%, 42%, 65%
CMY	0.3885, 0.5845, 0.3454
CMYK	0.07, 0.37, 0.00, 0.35
HSL	289°, 26%, 54%
HSV	289°, 37%, 65%
XYZ	25.8143, 20.1443, 39.0552
YIQ	127.9040, 10.2190, 29.5710

Conversions

Conversions Part 2

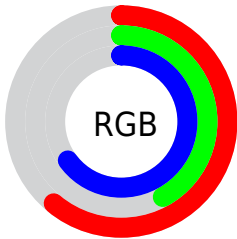
Format	Color
R _{YB}	156, 106, 167
Decimal	10250919
CIE _{Lab}	52.00, 30.70, -24.86
CIE _{LCh}	52, 39.502, 320.996
Yxy	20.1443, 0.3036, 0.2370
Android (android.graphics.Color)	4288440999 (0xFF9C6AA7)
YUV	127.9040, 19.2743, 24.6402
Hunter-Lab	44.8824, 24.1209, -20.1745

Details

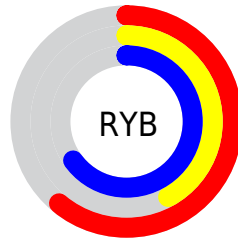
The CIELCh color $52, 39.502, 320.996$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 38.959, 137.380$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 39.389, 320.949$, and $32, 39.806, 321.175$ is the 20% darker color. If you saturate the color by 10%, you get $48, 50.020, 321.385$, and if you desaturate by 10%, it is $56, 28.675, 320.567$.

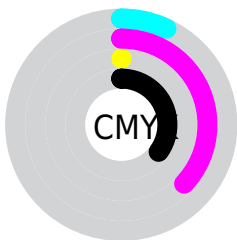
Distribution



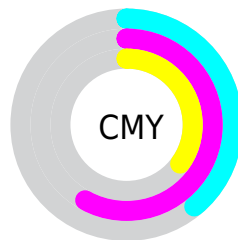
- Red (61%)
- Green (42%)
- Blue (65%)



- Red (61%)
- Yellow (42%)
- Blue (65%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (35%)





- Cyan (39%)
- Magenta (58%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 39.502, 320.996 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, 39.502, 320.996 by changing the saturation by 10% instead.


 52, 39.502,
320.996


 52, 39.502,
320.996


 100, 39.502,
320.996


 42, 39.502,
320.996


 72, 39.502,
320.996

 32, 39.502,
320.996

 82, 39.502,
320.996

 22, 39.502,
320.996

 92, 39.502,
320.996

 12, 39.502,
320.996

 2, 39.502, 320.996

 0, 39.502, 320.996

52, 39.502,
320.996

52, 39.502,
320.996

48, 50.020,
321.385

56, 28.675,
320.567

44, 59.904,
321.706

61, 17.780,
320.118

41, 68.733,
321.923

65, 6.974, 319.656

38, 76.028,
321.995

70, 3.643, 139.300

36, 81.360,
321.884

75, 14.012,
138.847


35, 84.574,
321.571

80, 24.102,
138.449

34, 85.502,
321.449

84, 33.901,
138.081

89, 43.409,
137.741

 94, 51.948,
137.385

Harmonies

Complementary

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



52, 39.502, 320.996



64, 38.959, 137.380

Rectangle

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



52, 39.502, 320.996



52, 39.502, 10.996



52, 39.502, 140.996



52, 39.502, 190.996

Sweetspot

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



52, 39.500, 320.996



80, 14.569, 319.874



50, 29.222, 286.664



42, 9.878, 319.934



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, 39.500, 320.996



62, 58.581, 321.322



53, 33.218, 337.683



33, 6.091, 319.786



30, 78.209, 321.512



2, 10.852, 317.673

Inverse Universe

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



52, 26.206, 8.998



62, 39.572, 10.459



63, 32.788, 151.889



33, 3.825, 5.533



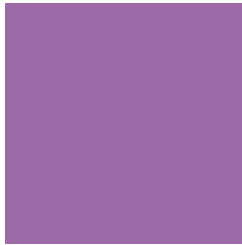
30, 62.137, 29.863



1, 6.757, 6.722

Previews

White Background



This preview shows how the CIELCh color 52, 39.502, 320.996 looks on a white background.

Color Contrast Check

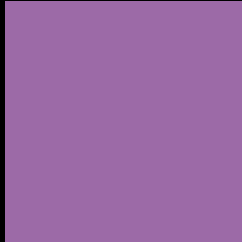
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.502, 320.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

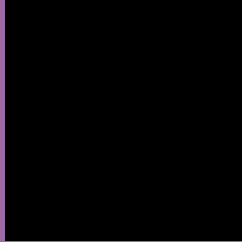
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 39.502, 320.996

Background



This preview shows how black text looks on a background with the CIELCh color 52, 39.502, 320.996.



This preview shows how white text looks on a background with the CIELCh color 52, 39.502, 320.996.

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, 15.226, 1.377

Trichromacy



Original Color
52, 39.502, 320.996

Protanomaly
52, 34.522, 298.725

Deuteranomaly
52, 29.051, 303.294

Tritanomaly
52, 22.475, 336.114

Monochromacy



Original Color
52, 39.502, 320.996

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.577, 320.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 39.502, 320.996 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(156, 106, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 106, 167)  
}
```

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(156, 106, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 106, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 39.502, 320.996 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(156, 106, 167) }
```

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

```
.border{ border-color:rgb(156, 106, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 106, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 106, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 106, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 106,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 39.502, 320.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 106, 167) }
```

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

```
.background{ background-color: rgb(156,  
106, 167) }
```

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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