

Converting Colors

CIELCh(45, 39.101, 338.452)

Have a look what the booklet for
CIELCh(45, 39.101, 338.452)
contains.

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Color

CIELCh(45, 39.309, 338.693)

Conversions

Conversions Part 1

Format	Color
Hex	9A5283
RGB	154, 82, 131
RGB Percent	60%, 32%, 51%
CMY	0.3961, 0.6784, 0.4863
CMYK	0.00, 0.47, 0.15, 0.40
HSL	319°, 31%, 46%
HSV	319°, 47%, 60%
XYZ	20.4385, 14.5417, 23.2003
YIQ	109.1140, 27.1830, 30.5030

Conversions

Conversions Part 2

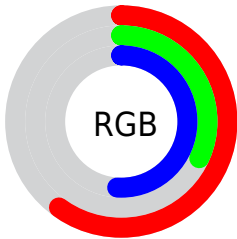
Format	Color
RYB	154, 82, 131
Decimal	10113667
CIELab	45.00, 36.62, -14.28
CIELCh	45, 39.309, 338.693
Yxy	14.5417, 0.3513, 0.2499
Android (android.graphics.Color)	4288303747 (0xFF9A5283)
YUV	109.1140, 10.7898, 39.3650
Hunter-Lab	38.1336, 28.9372, -9.3782

Details

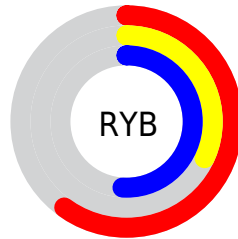
The CIELCh color $45, 39.309, 338.693$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 38.823, 150.857$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 39.607, 338.708$, and $25, 39.719, 338.384$ is the 20% darker color. If you saturate the color by 10%, you get $42, 46.711, 339.671$, and if you desaturate by 10%, it is $49, 31.227, 337.808$.

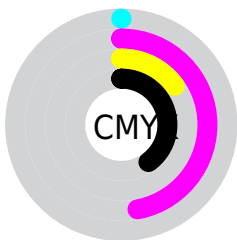
Distribution



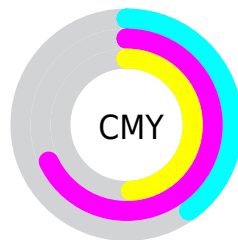
- Red (60%)
- Green (32%)
- Blue (51%)



- Red (60%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (40%)





- Cyan (40%)
- Magenta (68%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 39.309, 338.693 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 45, 39.309, 338.693 by changing the saturation by 10% instead.


 45, 39.309,
338.693


 45, 39.309,
338.693


 100, 39.309,
338.693


 35, 39.309,
338.693

 65, 39.309,
338.693


 25, 39.309,
338.693

 75, 39.309,
338.693

 15, 39.309,
338.693

 85, 39.309,
338.693

 5, 39.309, 338.693

 95, 39.309,
338.693

 0, 39.309, 338.693

 45, 39.309,

 45, 39.309,

338.693

42, 46.711,
339.671

39, 53.058,
340.773

37, 57.949,
342.050

35, 61.070,
343.570

34, 62.421,
345.393

34, 62.751,
346.007

338.693

49, 31.227,
337.808

52, 22.786,
336.991

57, 14.220,
336.227

61, 5.691, 335.489

65, 2.698, 154.979

69, 10.886,
154.275

74, 18.842,
153.676

78, 26.554,
153.119

■ 83, 34.023,
152.596

Harmonies

Complementary

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



45, 39.309, 338.693



58, 38.823, 150.857

Rectangle

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



45, 39.309, 338.693



45, 39.309, 28.693



45, 39.309, 158.693



45, 39.309, 208.693

Sweetspot

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



45, 39.307, 338.694



74, 14.769, 336.044



40, 44.458, 305.707



38, 10.290, 336.193



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



45, 39.307, 338.694



54, 57.310, 339.709



44, 31.905, 10.556



30, 4.747, 335.673



30, 58.702, 345.814



1, 5.051, 335.558

Inverse Universe

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



45, 39.307, 338.694



54, 57.310, 339.709



59, 25.913, 180.159



30, 4.747, 335.673



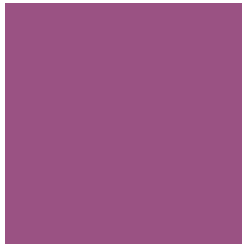
30, 58.702, 345.814



1, 5.051, 335.558

Previews

White Background



This preview shows how the CIELCh color 45, 39.309, 338.693 looks on a white 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

Black Background



This preview shows how the CIE LCh color 45, 39.309, 338.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

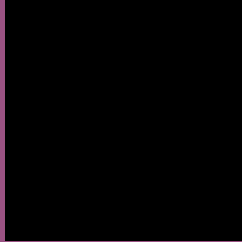
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 39.309, 338.693

Background



This preview shows how black text looks on a background with the CIELCh color 45, 39.309, 338.693.



This preview shows how white text looks on a background with the CIELCh color 45, 39.309, 338.693.

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

45, 39.309, 338.693

Protanopia

45, 25.197, 284.385

Deuteranopia

45, 13.203, 296.941



Tritanopia
45, 26.868, 14.627

Trichromacy



Original Color
45, 39.309, 338.693

Protanomaly
45, 27.914, 307.988

Deuteranomaly
45, 21.506, 322.931

Tritanomaly
45, 29.914, 357.340

Monochromacy



Original Color
45, 39.309, 338.693

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 15.035, 335.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 39.309, 338.693 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(154, 82, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 82, 131)  
}
```

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(154, 82, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 82, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 39.309, 338.693 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(154, 82, 131) }
```

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

```
.border{ border-color:rgb(154, 82, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 82, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 82, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 82, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 82,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 39.309, 338.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 82, 131) }
```

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

```
.background{ background-color: rgb(154, 82,  
131) }
```

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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