

Converting Colors

CIELCh(49, 39.192, 328.421)

Have a look what the booklet for
CIELCh(49, 39.192, 328.421)
contains.

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Color

CIELCh(49, 39.155, 328.409)

Conversions

Conversions Part 1

Format	Color
Hex	9C6098
RGB	156, 96, 152
RGB Percent	61%, 38%, 60%
CMY	0.3896, 0.6248, 0.4053
CMYK	0.00, 0.39, 0.03, 0.39
HSL	304°, 24%, 49%
HSV	304°, 39%, 61%
XYZ	23.4339, 17.5941, 31.7182
YIQ	120.3240, 17.7840, 30.1360

Conversions

Conversions Part 2

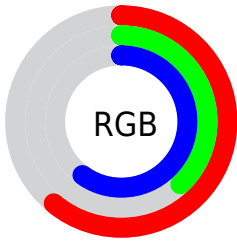
Format	Color
R_{YB}	156, 96, 152
Decimal	10248344
CIE _{Lab}	49.00, 33.35, -20.51
CIE _{LCh}	49, 39.155, 328.409
Yxy	17.5941, 0.3221, 0.2419
Android (android.graphics.Color)	4288438424 (0xFF9C6098)
YUV	120.3240, 15.6163, 31.2879
Hunter-Lab	41.9453, 26.3199, -15.4722

Details

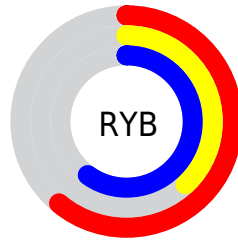
The CIELCh color $49, 39.155, 328.409$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 39.199, 143.413$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 38.945, 328.829$, and $29, 39.301, 328.149$ is the 20% darker color. If you saturate the color by 10%, you get $46, 48.593, 328.937$, and if you desaturate by 10%, it is $53, 29.177, 327.860$.

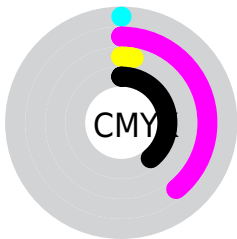
Distribution



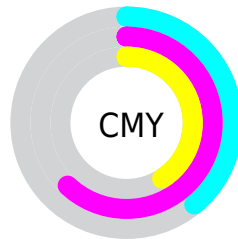
- Red (61%)
- Green (38%)
- Blue (60%)



- Red (61%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (41%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 39.155, 328.409 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 49, 39.155, 328.409 by changing the saturation by 10% instead.

 49, 39.155,
328.409


 49, 39.155,
328.409


 100, 39.155,
328.409


 39, 39.155,
328.409

 69, 39.155,
328.409


 29, 39.155,
328.409


 79, 39.155,
328.409

 19, 39.155,
328.409

 89, 39.155,
328.409

 9, 39.155, 328.409

 99, 39.155,
328.409

 0, 39.155, 328.409

 49, 39.155,

 49, 39.155,

328.409

46, 48.593,
328.937

43, 57.142,
329.432

40, 64.400,
329.886

38, 69.994,
330.293

37, 73.672,
330.656

36, 75.650,
330.985

36, 75.911,
331.032

328.409

53, 29.177,
327.860

57, 18.952,
327.299

61, 8.686, 326.727

65, 1.475, 146.358

69, 11.438,
145.689

73, 21.149,
145.164

78, 30.580,
144.668

82, 39.722,
144.198

■ 87, 48.575,
143.754

Harmonies

Complementary

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



49, 39.155, 328.409



59, 39.199, 143.413

Rectangle

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



49, 39.155, 328.409



49, 39.155, 18.409



49, 39.155, 148.409



49, 39.155, 198.409

Sweetspot

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



49, 39.153, 328.409



75, 15.106, 326.941



43, 36.102, 296.645



39, 10.105, 327.008



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



49, 39.153, 328.409



59, 57.007, 328.852



48, 28.665, 350.360



31, 5.833, 326.769



33, 71.304, 331.010



1, 7.513, 326.711

Inverse Universe

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



49, 39.153, 328.409



59, 57.007, 328.852



60, 27.036, 162.674



31, 5.833, 326.769



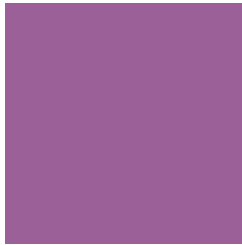
33, 71.304, 331.010



1, 7.513, 326.711

Previews

White Background



This preview shows how the CIELCh color 49, 39.155, 328.409 looks on a white background.

Color Contrast Check

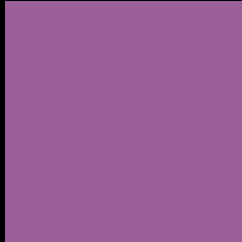
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 39.155, 328.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

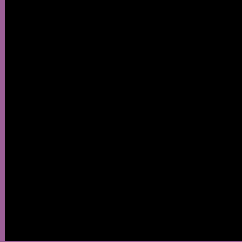
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 39.155, 328.409

Background



This preview shows how black text looks on a background with the CIELCh color 49, 39.155, 328.409.



This preview shows how white text looks on a background with the CIELCh color 49, 39.155, 328.409.

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
49, 20.298, 8.902

Trichromacy



Original Color
49, 39.155, 328.409

Protanomaly
49, 31.630, 302.215

Deuteranomaly
49, 25.322, 309.950

Tritanomaly
49, 25.349, 347.927

Monochromacy



Original Color
49, 39.155, 328.409

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 15.082, 326.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 39.155, 328.409 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, 96, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 96, 152)  
}
```

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, 96, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 96, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 39.155, 328.409 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, 96, 152) }
```

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

```
.border{ border-color:rgb(156, 96, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 96, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 96, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 96, 152); box-shadow:4px 4px 4px 4px rgb(156, 96, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 39.155, 328.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 96, 152) }
```

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

```
.background{ background-color: rgb(156, 96,  
152) }
```

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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