

Converting Colors

CIELCh(54, 39.828, 326.300)

Have a look what the booklet for
CIELCh(54, 39.828, 326.300)
contains.

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Color

CIELCh(54, 39.828, 326.300)

Conversions

Conversions Part 1

Format	Color
Hex	A86DA8
RGB	168, 109, 168
RGB Percent	66%, 43%, 66%
CMY	0.3425, 0.5737, 0.3425
CMYK	0.00, 0.35, 0.00, 0.34
HSL	300°, 25%, 54%
HSV	300°, 35%, 66%
XYZ	28.5506, 21.9746, 39.6228
YIQ	133.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

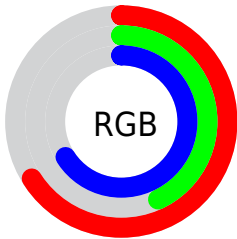
Format	Color
R _Y B	168, 109, 168
Decimal	11038120
CIE _{Lab}	54.00, 33.14, -22.10
CIE _{LCh}	54, 39.828, 326.300
Yxy	21.9746, 0.3167, 0.2438
Android (android.graphics.Color)	4289228200 (0xFFA86DA8)
YUV	133.3670, 17.0741, 30.3731
Hunter-Lab	46.8770, 26.6812, -17.3009

Details

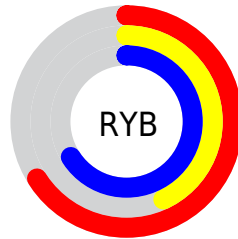
The CIELCh color $54, 39.828, 326.300$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 39.860, 141.925$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 39.390, 326.390$, and $34, 39.692, 326.324$ is the 20% darker color. If you saturate the color by 10%, you get $50, 50.526, 326.784$, and if you desaturate by 10%, it is $58, 28.632, 325.782$.

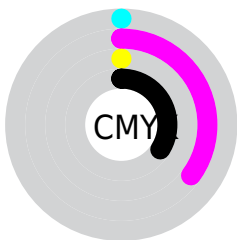
Distribution



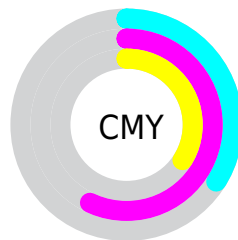
- Red (66%)
- Green (43%)
- Blue (66%)



- Red (66%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (57%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 39.828, 326.300 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 54, 39.828, 326.300 by changing the saturation by 10% instead.


 54, 39.828,
326.300

 54, 39.828,
326.300


 100, 39.828,
326.300


 44, 39.828,
326.300


 74, 39.828,
326.300

 34, 39.828,
326.300

 84, 39.828,
326.300

 24, 39.828,
326.300

 94, 39.828,
326.300

 14, 39.828,
326.300

 4, 39.828, 326.300

 0, 39.828, 326.300

54, 39.828,
326.300

54, 39.828,
326.300

50, 50.526,
326.784

58, 28.632,
325.782

47, 60.364,
327.218

62, 17.236,
325.243

44, 68.919,
327.586

66, 5.848, 324.679

42, 75.781,
327.875

71, 5.388, 144.226

41, 80.645,
328.075

75, 16.379,
143.678


40, 83.445,
328.189

80, 27.073,
143.171

40, 84.427,
328.229

85, 37.444,
142.691

89, 47.484,
142.237

 93, 54.564,
141.925

Harmonies

Complementary

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



54, 39.828, 326.300



64, 39.860, 141.925

Rectangle

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



54, 39.828, 326.300



54, 39.828, 16.300



54, 39.828, 146.300



54, 39.828, 196.300

Sweetspot

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



54, 39.826, 326.300



81, 15.369, 325.024



48, 34.155, 293.992



42, 10.416, 325.096



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 39.826, 326.300



65, 58.109, 326.670



53, 28.871, 346.015



33, 6.429, 324.918



35, 76.993, 328.229



2, 11.672, 324.435

Inverse Universe

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



52, 25.442, 22.501



63, 38.401, 23.640



64, 27.782, 159.490



33, 3.724, 19.899



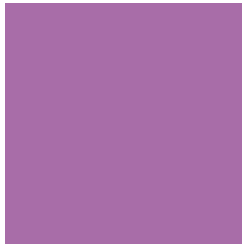
30, 69.023, 39.355



1, 6.572, 19.398

Previews

White Background



This preview shows how the CIELCh color 54, 39.828, 326.300 looks on a white background.

Color Contrast Check

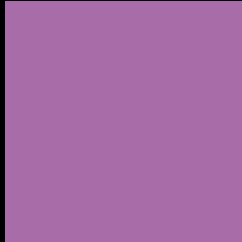
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 39.828, 326.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

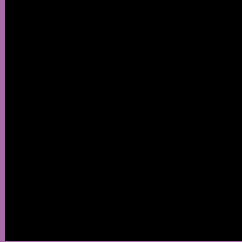
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.828, 326.300

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.828, 326.300.



This preview shows how white text looks on a background with the CIELCh color 54, 39.828, 326.300.

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
54, 39.828, 326.300

Protanopia
54, 31.274, 285.065

Deuteranopia
54, 21.342, 289.926



Tritanopia
54, 19.159, 6.204

Trichromacy



Original Color
54, 39.828, 326.300

Protanomaly
54, 32.708, 301.087

Deuteranomaly
54, 27.094, 308.494

Tritanomaly
54, 24.921, 344.211

Monochromacy



Original Color
54, 39.828, 326.300

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 15.285, 325.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.828, 326.300 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(168, 109, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 168)  
}
```

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(168, 109, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.828, 326.300 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(168, 109, 168) }
```

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

```
.border{ border-color:rgb(168, 109, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.828, 326.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 168) }
```

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

```
.background{ background-color: rgb(168,  
109, 168) }
```

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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