

Converting Colors

CIELCh(39, 57.555, 326.404)

Have a look what the booklet for
CIELCh(39, 57.555, 326.404)
contains.

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Color

CIELCh(39, 57.402, 326.684)

Conversions

Conversions Part 1

Format	Color
Hex	8E3990
RGB	142, 57, 144
RGB Percent	56%, 22%, 56%
CMY	0.4437, 0.7770, 0.4359
CMYK	0.01, 0.60, 0.00, 0.44
HSL	299°, 43%, 39%
HSV	299°, 60%, 56%
XYZ	17.6089, 10.6589, 27.4573
YIQ	92.3330, 22.7330, 45.0770

Conversions

Conversions Part 2

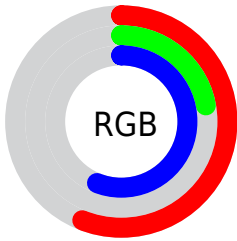
Format	Color
R _Y B	142, 57, 144
Decimal	9320848
CIE Lab	39.00, 47.97, -31.53
CIE LCh	39, 57.402, 326.684
Yxy	10.6589, 0.3160, 0.1913
Android (android.graphics.Color)	4287510928 (0xFF8E3990)
YUV	92.3330, 25.4718, 43.5580
Hunter-Lab	32.6480, 39.1411, -27.0098

Details

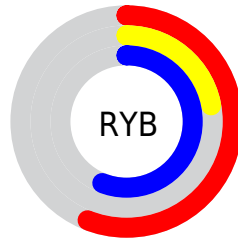
The CIELCh color $39, 57.402, 326.684$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $53, 57.832, 138.969$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 57.533, 326.801$, and $20, 55.393, 326.652$ is the 20% darker color. If you saturate the color by 10%, you get $37, 64.381, 326.986$, and if you desaturate by 10%, it is $42, 49.160, 326.305$.

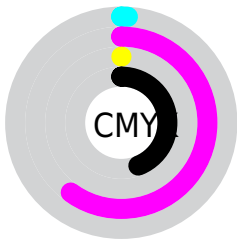
Distribution



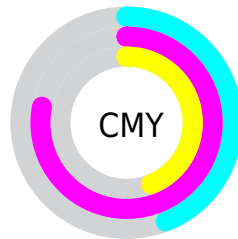
- Red (56%)
- Green (22%)
- Blue (56%)



- Red (56%)
- Yellow (22%)
- Blue (56%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)




- Cyan (44%)
- Magenta (78%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 57.402, 326.684 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 39, 57.402, 326.684 by changing the saturation by 10% instead.

 39, 57.402,
326.684

 39, 57.402,
326.684

 100, 57.402,
326.684


 29, 57.402,
326.684

 59, 57.402,
326.684

 19, 57.402,
326.684

 69, 57.402,
326.684

 9, 57.402, 326.684

 79, 57.402,
326.684

 0, 57.402, 326.684

 89, 57.402,
326.684

 99, 57.402,
326.684

39, 57.402,
326.684

39, 57.402,
326.684

37, 64.381,
326.986

42, 49.160,
326.305

35, 69.766,
327.195

45, 40.032,
325.866

34, 73.347,
327.304

48, 30.356,
325.384

33, 75.527,
327.342

52, 20.410,
324.876

56, 10.400,
324.350

60, 0.474, 323.436

64, 9.275, 143.370

68, 18.787,
142.869

■ 72, 28.031,
142.398

Harmonies

Complementary

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



39, 57.402, 326.684



53, 57.832, 138.969

Rectangle

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



39, 57.402, 326.684



39, 57.402, 16.684



39, 57.402, 146.684



39, 57.402, 196.684

Sweetspot

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



39, 57.400, 326.684



67, 22.131, 324.767



30, 53.442, 298.198



34, 15.509, 324.904



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



39, 57.400, 326.684



47, 80.718, 327.082



38, 42.804, 348.336



28, 5.568, 324.280



31, 72.175, 327.347



1, 3.740, 323.826

Inverse Universe

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



36, 41.047, 25.576



43, 62.194, 29.785



54, 41.050, 155.415



28, 3.245, 18.020



27, 63.395, 37.887



0, 2.123, 17.487

Previews

White Background



This preview shows how the CIELCh color 39, 57.402, 326.684 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 CIELCh color 39, 57.402, 326.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

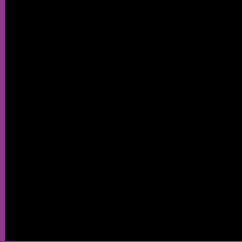
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 57.402, 326.684

Background



This preview shows how black text looks on a background with the CIELCh color 39, 57.402, 326.684.

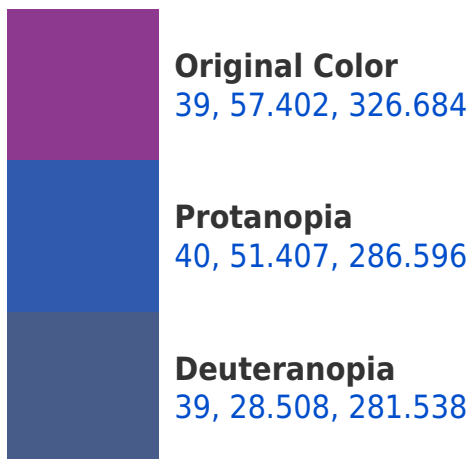


This preview shows how white text looks on a background with the CIELCh color 39, 57.402, 326.684.

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
39, 26.772, 17.420

Trichromacy



Original Color
39, 57.402, 326.684

Protanomaly
38, 52.158, 298.585

Deuteranomaly
38, 38.097, 304.735

Tritanomaly
39, 34.521, 348.387

Monochromacy



Original Color
39, 57.402, 326.684

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 23.181, 325.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 57.402, 326.684 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(142, 57, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 57, 144)  
}
```

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(142, 57, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 57, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 57.402, 326.684 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(142, 57, 144) }
```

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

```
.border{ border-color:rgb(142, 57, 144) }
```

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

Here you see how a box with a 4 pixel rgb(142, 57, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 57, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 57, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 57,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 57.402, 326.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 57, 144) }
```

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

```
.background{ background-color: rgb(142, 57,  
144) }
```

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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