

Converting Colors

CIELCh(44, 39.330, 350.914)

Have a look what the booklet for
CIELCh(44, 39.330, 350.914)
contains.

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Color

CIELCh(44, 39.514, 351.099)

Conversions

Conversions Part 1

Format	Color
Hex	9F4C73
RGB	159, 76, 115
RGB Percent	62%, 30%, 45%
CMY	0.3755, 0.7011, 0.5482
CMYK	0.00, 0.52, 0.28, 0.38
HSL	332°, 35%, 46%
HSV	332°, 52%, 62%
XYZ	20.0532, 13.8382, 17.9000
YIQ	105.2630, 36.9490, 29.7250

Conversions

Conversions Part 2

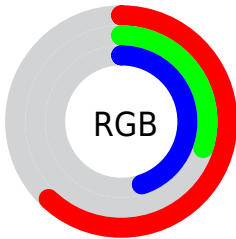
Format	Color
R_{YB}	159, 76, 115
Decimal	10439795
CIE _{Lab}	44.00, 39.04, -6.11
CIE _{LCh}	44, 39.514, 351.099
Yxy	13.8382, 0.3872, 0.2672
Android (android.graphics.Color)	4288629875 (0xFF9F4C73)
YUV	105.2630, 4.8003, 47.1273
Hunter-Lab	37.1997, 31.1244, -2.4897

Details

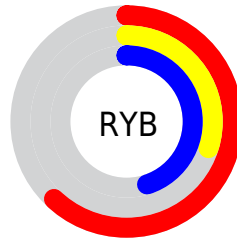
The CIELCh color **44, 39.514, 351.099** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **60, 36.999, 159.821**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 39.421, 351.217**, and **24, 39.413, 351.340** is the 20% darker color. If you saturate the color by 10%, you get **41, 46.088, 352.868**, and if you desaturate by 10%, it is **48, 32.237, 349.631**.

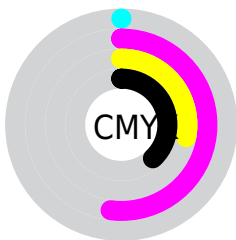
Distribution



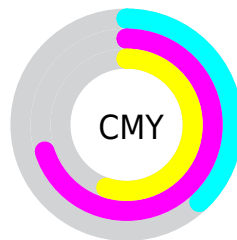
- Red (62%)
- Green (30%)
- Blue (45%)



- Red (62%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (28%)
- Black (38%)




- Cyan (38%)
- Magenta (70%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 39.514, 351.099 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 44, 39.514, 351.099 by changing the saturation by 10% instead.


 44, 39.514,
351.099


 44, 39.514,
351.099


 100, 39.514,
351.099

 34, 39.514,
351.099

 64, 39.514,
351.099

 24, 39.514,
351.099

 74, 39.514,
351.099

 14, 39.514,
351.099

 84, 39.514,
351.099

 4, 39.514, 351.099

 94, 39.514,
351.099

 0, 39.514, 351.099

 44, 39.514,

 44, 39.514,

351.099

351.099

41, 46.088,
352.868

48, 32.237,
349.631

38, 51.585,
355.046

52, 24.594,
348.380

36, 55.661,
357.780

56, 16.835,
347.289

35, 58.148, 1.230

60, 9.130, 346.312

34, 59.430, 4.331

65, 1.586, 345.269

69, 5.736, 164.772

74, 12.811,
164.026

78, 19.629,
163.362

83, 26.197,

Harmonies

Complementary

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



44, 39.514, 351.099



60, 36.999, 159.821

Rectangle

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



44, 39.514, 351.099



44, 39.514, 41.099



44, 39.514, 171.099



44, 39.514, 221.099

Sweetspot

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



44, 39.512, 351.100



74, 14.955, 346.709



41, 51.829, 312.173



38, 10.198, 346.897



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



44, 39.512, 351.100



52, 57.400, 353.278



43, 37.611, 26.380



31, 4.215, 346.042



30, 54.897, 3.866



1, 5.362, 346.693

Inverse Universe

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



44, 39.512, 351.100



52, 57.400, 353.278



60, 25.733, 198.930



31, 4.215, 346.042



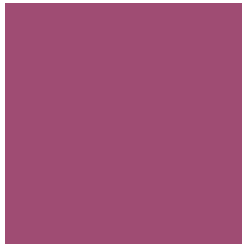
30, 54.897, 3.866



1, 5.362, 346.693

Previews

White Background



This preview shows how the CIE LCh color 44, 39.514, 351.099 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 44, 39.514, 351.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

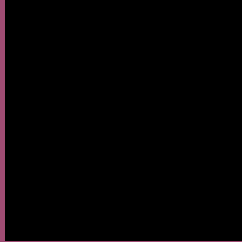
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.514, 351.099

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.514, 351.099.



This preview shows how white text looks on a background with the CIELCh color 44, 39.514, 351.099.

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

44, 39.514, 351.099

Protanopia

44, 18.044, 285.822

Deuteranopia

44, 6.784, 327.732



Tritanopia
44, 33.417, 18.609

Trichromacy



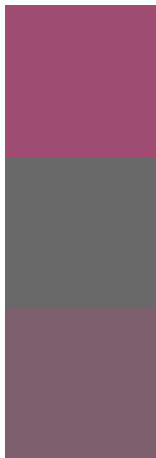
Original Color
44, 39.514, 351.099

Protanomaly
43, 22.986, 319.768

Deuteranomaly
44, 18.917, 343.066

Tritanomaly
44, 34.607, 7.513

Monochromacy



Original Color
44, 39.514, 351.099

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 14.965, 347.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.514, 351.099 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(159, 76, 115)` looks like.

```
.text, #text, p{  
    color:rgb(159, 76, 115)  
}
```

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(159, 76, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 76, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.514, 351.099 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(159, 76, 115) }
```

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

```
.border{ border-color:rgb(159, 76, 115) }
```

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

Here you see how a box with a 4 pixel rgb(159, 76, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 76, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 76, 115);  
box-shadow:4px 4px 4px 4px rgb(159, 76,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.514, 351.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 76, 115) }
```

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

```
.background{ background-color: rgb(159, 76,  
115) }
```

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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