

Converting Colors

CIELCh(39, 41.772, 350.251)

Have a look what the booklet for
CIELCh(39, 41.772, 350.251)
contains.

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Color

CIELCh(39, 41.939, 350.562)

Conversions

Conversions Part 1

Format	Color
Hex	943D68
RGB	148, 61, 104
RGB Percent	58%, 24%, 41%
CMY	0.4191, 0.7603, 0.5917
CMYK	0.00, 0.59, 0.30, 0.42
HSL	330°, 42%, 41%
HSV	330°, 59%, 58%
XYZ	16.4144, 10.6589, 14.3184
YIQ	91.9150, 38.0490, 31.8170

Conversions

Conversions Part 2

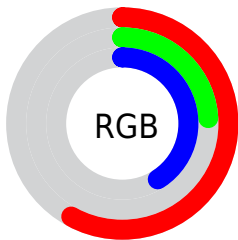
Format	Color
R_{YB}	148, 61, 104
Decimal	9715048
CIE _{Lab}	39.00, 41.37, -6.88
CIE _{LCh}	39, 41.939, 350.562
Yxy	10.6589, 0.3966, 0.2575
Android (android.graphics.Color)	4287905128 (0xFF943D68)
YUV	91.9150, 5.9579, 49.1865
Hunter-Lab	32.6480, 32.6100, -3.1491

Details

The CIELCh color $39, 41.939, 350.562$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $55, 39.591, 157.619$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 41.506, 350.597$, and $19, 41.882, 350.621$ is the 20% darker color. If you saturate the color by 10%, you get $36, 47.544, 352.450$, and if you desaturate by 10%, it is $42, 35.422, 349.007$.

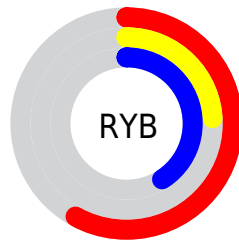
Distribution



Red (58%)

Green (24%)

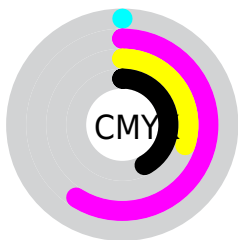
Blue (41%)



Red (58%)

Yellow (24%)

Blue (41%)

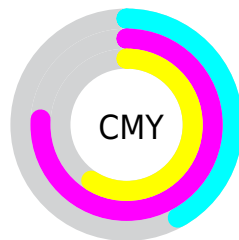


Cyan (0%)

Magenta (59%)

Yellow (30%)

Black (42%)



Cyan (42%)


Magenta (76%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 41.939, 350.562 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, 41.939, 350.562 by changing the saturation by 10% instead.


 39, 41.939,
350.562


 39, 41.939,
350.562

 100, 41.939,
350.562


 29, 41.939,
350.562

 59, 41.939,
350.562


 19, 41.939,
350.562

 69, 41.939,
350.562

 9, 41.939, 350.562

 79, 41.939,
350.562

 0, 41.939, 350.562

 89, 41.939,
350.562

 99, 41.939,
350.562

■ 39, 41.939,
350.562

■ 39, 41.939,
350.562

■ 36, 47.544,
352.450

■ 42, 35.422,
349.007

■ 34, 51.892,
354.792

■ 46, 28.348,
347.693

■ 32, 54.734,
357.736

■ 50, 21.003,
346.556

■ 31, 56.341, 1.284

■ 54, 13.598,
345.549

■ 31, 56.549, 1.733

■ 58, 6.272, 344.628

■ 62, 0.887, 164.240

■ 66, 7.834, 163.176

■ 71, 14.548,
162.479

■ 75, 21.025,
161.846

Harmonies

Complementary

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



39, 41.939, 350.562



55, 39.591, 157.619

Rectangle

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



39, 41.939, 350.562



39, 41.939, 40.562



39, 41.939, 170.562



39, 41.939, 220.562

Sweetspot

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



39, 41.937, 350.563



69, 16.257, 345.514



35, 54.976, 311.962



35, 11.291, 345.771



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



39, 41.937, 350.563



47, 59.596, 353.036



38, 41.088, 26.784



29, 4.052, 344.670



29, 53.652, 1.427



1, 3.505, 343.964

Inverse Universe

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



39, 41.937, 350.563



47, 59.596, 353.036



56, 26.843, 196.958



29, 4.052, 344.670



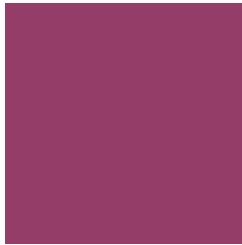
29, 53.652, 1.427



1, 3.505, 343.964

Previews

White Background



This preview shows how the CIE LCh color 39, 41.939, 350.562 looks on a white background.

Color Contrast Check

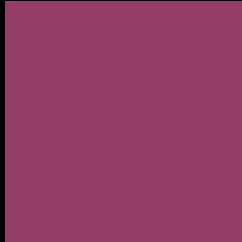
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 41.939, 350.562 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, 41.939, 350.562

Background



This preview shows how black text looks on a background with the CIELCh color 39, 41.939, 350.562.



This preview shows how white text looks on a background with the CIELCh color 39, 41.939, 350.562.

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

39, 41.939, 350.562

Protanopia

39, 20.900, 285.577

Deuteranopia

39, 6.987, 319.205



Tritanopia
39, 35.287, 20.789

Trichromacy



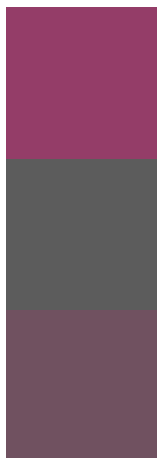
Original Color
39, 41.939, 350.562

Protanomaly
38, 25.058, 317.959

Deuteranomaly
38, 20.336, 341.400

Tritanomaly
39, 36.534, 8.495

Monochromacy



Original Color
39, 41.939, 350.562

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 15.972, 346.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 41.939, 350.562 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(148, 61, 104)` looks like.

```
.text, #text, p{  
    color:rgb(148, 61, 104)  
}
```

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(148, 61, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 61, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 41.939, 350.562 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(148, 61, 104) }
```

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

```
.border{ border-color:rgb(148, 61, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 61, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 61, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 61, 104);  
box-shadow:4px 4px 4px 4px rgb(148, 61,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 41.939, 350.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 61, 104) }
```

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

```
.background{ background-color: rgb(148, 61,  
104) }
```

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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