

Converting Colors

CIELCh(39, 51.214, 7.516)

Have a look what the booklet for
CIELCh(39, 51.214, 7.516) contains.

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Color

CIELCh(39, 51.035, 7.639)

Conversions

Conversions Part 1

Format	Color
Hex	A52F53
RGB	165, 47, 83
RGB Percent	65%, 18%, 33%
CMY	0.3529, 0.8156, 0.6745
CMYK	0.00, 0.72, 0.50, 0.35
HSL	342°, 56%, 42%
HSV	342°, 72%, 65%
XYZ	18.0978, 10.6589, 9.2888
YIQ	86.3860, 58.7720, 36.2120

Conversions

Conversions Part 2

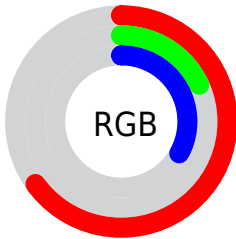
Format	Color
R_{YB}	165, 47, 83
Decimal	10825555
CIE _{Lab}	39.00, 50.58, 6.78
CIE _{LCh}	39, 51.035, 7.639
Yxy	10.6589, 0.4757, 0.2802
Android (android.graphics.Color)	4289015635 (0xFFA52F53)
YUV	86.3860, -1.6693, 68.9445
Hunter-Lab	32.6480, 41.8140, 5.9848

Details

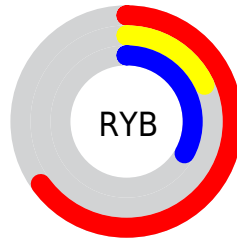
The CIELCh color **39, 51.035, 7.639** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **61, 42.158, 167.115**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 50.860, 7.795**, and **21, 45.129, 12.482** is the 20% darker color. If you saturate the color by 10%, you get **37, 56.154, 11.297**, and if you desaturate by 10%, it is **42, 44.848, 4.744**.

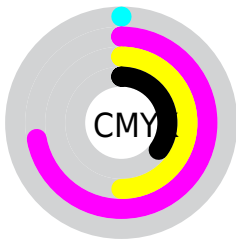
Distribution



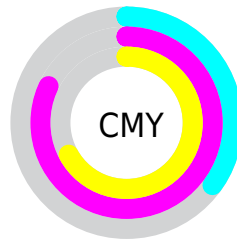
- Red (65%)
- Green (18%)
- Blue (33%)



- Red (65%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (50%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (67%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 51.035, 7.639 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, 51.035, 7.639 by changing the saturation by 10% instead.

 39, 51.035, 7.639

 39, 51.035, 7.639

 100, 51.035, 7.639

 29, 51.035, 7.639

 59, 51.035, 7.639

 19, 51.035, 7.639

 69, 51.035, 7.639

 9, 51.035, 7.639

 79, 51.035, 7.639


 0, 51.035, 7.639

 89, 51.035, 7.639

 99, 51.035, 7.639

 39, 51.035, 7.639

 39, 51.035, 7.639

 37, 56.154, 11.297

 42, 44.848, 4.744

 35, 60.113, 15.837

 45, 37.888, 2.442

■ 34, 62.989, 20.125

■ 49, 30.484, 0.585

■ 53, 22.924,
359.056

■ 58, 15.417,
357.768

■ 62, 8.098, 356.649

■ 67, 1.042, 355.352

■ 72, 5.717, 174.980

■ 77, 12.172,
174.191

Harmonies

Complementary

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



39, 51.035, 7.639



61, 42.158, 167.115

Rectangle

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



39, 51.035, 7.639



39, 51.035, 57.639



39, 51.035, 187.639



39, 51.035, 237.639

Sweetspot

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



39, 51.032, 7.641



74, 18.611, 357.754



37, 71.840, 317.747



37, 12.629, 358.069



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



39, 51.032, 7.641



47, 71.269, 13.944



42, 50.363, 40.298



32, 3.928, 356.411



30, 57.209, 19.461



1, 5.916, 357.619

Inverse Universe

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



39, 51.032, 7.641



47, 71.269, 13.944



55, 28.217, 223.705



32, 3.928, 356.411



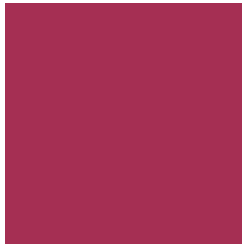
30, 57.209, 19.461



1, 5.916, 357.619

Previews

White Background



This preview shows how the CIELCh color 39, 51.035, 7.639 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, 51.035, 7.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

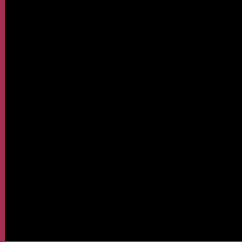
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.035, 7.639

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.035, 7.639.

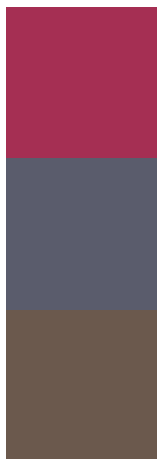


This preview shows how white text looks on a background with the CIELCh color 39, 51.035, 7.639.

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, 51.035, 7.639

Protanopia

39, 9.801, 287.114

Deuteranopia

39, 11.056, 61.219



Tritanopia
39, 51.218, 27.457

Trichromacy



Original Color
39, 51.035, 7.639

Protanomaly
38, 22.017, 343.443

Deuteranomaly
38, 24.567, 16.470

Tritanomaly
39, 50.429, 20.305

Monochromacy



Original Color
39, 51.035, 7.639

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 20.330, 359.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.035, 7.639 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(165, 47, 83)` looks like.

```
.text, #text, p{  
    color:rgb(165, 47, 83)  
}
```

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(165, 47, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 47, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.035, 7.639 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(165, 47, 83) }
```

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

```
.border{ border-color:rgb(165, 47, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 47, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 47, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 47, 83);  
box-shadow:4px 4px 4px 4px rgb(165, 47,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.035, 7.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 47, 83) }
```

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

```
.background{ background-color: rgb(165, 47,  
83) }
```

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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