

Converting Colors

CIELCh(39, 50.767, 28.845)

Have a look what the booklet for
CIELCh(39, 50.767, 28.845) contains.

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Color

CIELCh(39, 50.725, 28.421)

Conversions

Conversions Part 1

Format	Color
Hex	A23637
RGB	162, 54, 55
RGB Percent	64%, 21%, 22%
CMY	0.3634, 0.7871, 0.7834
CMYK	0.00, 0.67, 0.66, 0.36
HSL	359°, 50%, 42%
HSV	359°, 67%, 64%
XYZ	16.9941, 10.6589, 4.8068
YIQ	86.4060, 64.0470, 23.2070

Conversions

Conversions Part 2

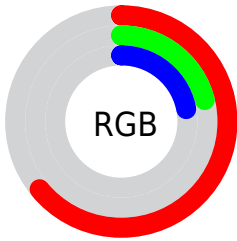
Format	Color
R _Y B	162, 54, 55
Decimal	10630711
CIE Lab	39.00, 44.61, 24.14
CIE LCh	39, 50.725, 28.421
Yxy	10.6589, 0.5235, 0.3284
Android (android.graphics.Color)	4288820791 (0xFFA23637)
YUV	86.4060, -15.4832, 66.2959
Hunter-Lab	32.6480, 35.7795, 14.1243

Details

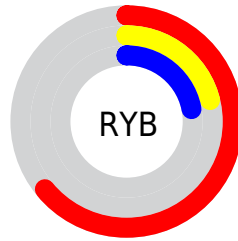
The CIELCh color **39, 50.725, 28.421** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **61, 31.212, 195.758**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 50.606, 28.560**, and **20, 48.922, 31.453** is the 20% darker color. If you saturate the color by 10%, you get **36, 58.866, 31.676**, and if you desaturate by 10%, it is **42, 42.311, 25.755**.

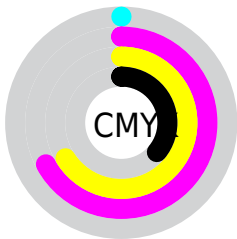
Distribution



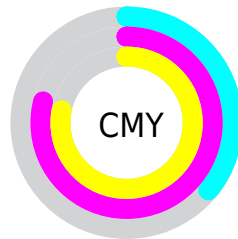
- Red (64%)
- Green (21%)
- Blue (22%)



- Red (64%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 50.725, 28.421 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, 50.725, 28.421 by changing the saturation by 10% instead.

■ 39, 50.725, 28.421

■ 39, 50.725, 28.421

■ 100, 50.725,
28.421

■ 29, 50.725, 28.421

■ 59, 50.725, 28.421

■ 19, 50.725, 28.421

■ 69, 50.725, 28.421

■ 9, 50.725, 28.421

■ 79, 50.725, 28.421

■ 0, 50.725, 28.421

■ 89, 50.725, 28.421

■ 99, 50.725, 28.421

■ 39, 50.725, 28.421

■ 39, 50.725, 28.421

■ 36, 58.866, 31.676

■ 42, 42.311, 25.755

35, 66.287, 35.275

46, 33.933, 23.656

34, 72.137, 38.464

50, 25.812, 22.033

33, 73.977, 39.408

54, 18.098, 20.778

59, 10.867, 19.796

64, 4.139, 18.973

68, 2.098, 198.718

73, 7.880, 198.079

78, 13.248,
197.673

Harmonies

Complementary

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



39, 50.725, 28.421



61, 31.212, 195.758

Rectangle

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



39, 50.725, 28.421



39, 50.725, 78.421



39, 50.725, 208.421



39, 50.725, 258.421

Sweetspot

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



39, 50.723, 28.424



73, 16.538, 20.146



42, 68.079, 327.100



37, 11.488, 20.409



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, 50.723, 28.424



47, 76.352, 33.451



50, 41.446, 65.553



32, 3.629, 19.194



30, 67.755, 38.918



1, 5.465, 18.745

Inverse Universe

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



39, 50.723, 28.424



47, 76.352, 33.451



45, 33.579, 267.935



32, 3.629, 19.194



30, 67.755, 38.918



1, 5.465, 18.745

Previews

White Background



This preview shows how the CIELCh color 39, 50.725, 28.421 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, 50.725, 28.421 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, 50.725, 28.421

Background



This preview shows how black text looks on a background with the CIELCh color 39, 50.725, 28.421.



This preview shows how white text looks on a background with the CIELCh color 39, 50.725, 28.421.

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, 50.725, 28.421

Protanopia

39, 14.208, 96.780

Deuteranopia

39, 27.093, 78.098



Tritanopia
39, 50.282, 27.161

Trichromacy



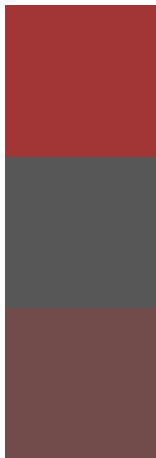
Original Color
39, 50.725, 28.421

Protanomaly
38, 22.643, 43.858

Deuteranomaly
38, 32.640, 49.672

Tritanomaly
39, 50.500, 27.795

Monochromacy



Original Color
39, 50.725, 28.421

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 17.907, 22.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 50.725, 28.421 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(162, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(162, 54, 55)  
}
```

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(162, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 54, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 50.725, 28.421 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(162, 54, 55) }
```

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

```
.border{ border-color:rgb(162, 54, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 54, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(162, 54,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 50.725, 28.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 54, 55) }
```

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

```
.background{ background-color: rgb(162, 54,  
55) }
```

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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