

Converting Colors

CIELCh(39, 52.737, 32.165)

Have a look what the booklet for
CIELCh(39, 52.737, 32.165) contains.

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Color

CIELCh(39, 52.641, 32.060)

Conversions

Conversions Part 1

Format	Color
Hex	A33631
RGB	163, 54, 49
RGB Percent	64%, 21%, 19%
CMY	0.3605, 0.7880, 0.8077
CMYK	0.00, 0.67, 0.70, 0.36
HSL	3°, 54%, 42%
HSV	3°, 70%, 64%
XYZ	16.9944, 10.6589, 4.0725
YIQ	86.0210, 66.5690, 21.5530

Conversions

Conversions Part 2

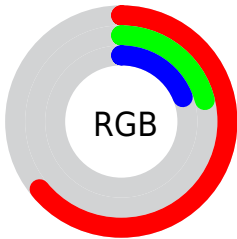
Format	Color
RYB	163, 54, 49
Decimal	10696241
CIELab	39.00, 44.61, 27.94
CIElCh	39, 52.641, 32.060
Yxy	10.6589, 0.5357, 0.3360
Android (android.graphics.Color)	4288886321 (0xFFA33631)
YUV	86.0210, -18.2514, 67.5106
Hunter-Lab	32.6480, 35.7810, 15.4578

Details

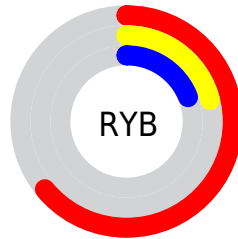
The CIELCh color **39, 52.641, 32.060** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **60, 30.484, 202.219**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 52.505, 32.536**, and **20, 50.941, 34.825** is the 20% darker color. If you saturate the color by 10%, you get **37, 60.894, 34.888**, and if you desaturate by 10%, it is **42, 44.133, 29.664**.

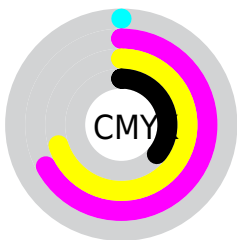
Distribution



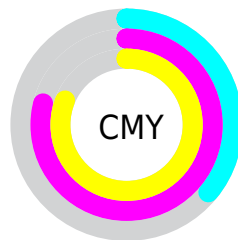
- Red (64%)
- Green (21%)
- Blue (19%)



- Red (64%)
- Yellow (21%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 52.641, 32.060 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, 52.641, 32.060 by changing the saturation by 10% instead.

■ 39, 52.641, 32.060

■ 39, 52.641, 32.060

■ 100, 52.641,
32.060

■ 29, 52.641, 32.060

■ 59, 52.641, 32.060

■ 19, 52.641, 32.060

■ 69, 52.641, 32.060

■ 9, 52.641, 32.060

■ 79, 52.641, 32.060

■ 0, 52.641, 32.060

■ 89, 52.641, 32.060

■ 99, 52.641, 32.060

■ 39, 52.641, 32.060

■ 39, 52.641, 32.060

■ 37, 60.894, 34.888

■ 42, 44.133, 29.664

35, 68.251, 37.768

46, 35.718, 27.754

34, 73.952, 40.338

49, 27.608, 26.281

34, 73.994, 40.359

54, 19.935, 25.160

58, 12.763, 24.306

62, 6.109, 23.635

67, 0.047, 213.524

72, 5.737, 202.971

76, 11.010,
202.668

Harmonies

Complementary

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



39, 52.641, 32.060



60, 30.484, 202.219

Rectangle

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



39, 52.641, 32.060



39, 52.641, 82.060



39, 52.641, 212.060



39, 52.641, 262.060

Sweetspot

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



39, 52.639, 32.063



73, 16.733, 24.418



42, 69.265, 328.813



37, 11.535, 24.628



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, 52.639, 32.063



47, 79.175, 36.549



51, 44.107, 69.765



32, 3.476, 23.594



30, 67.462, 39.976



1, 5.251, 22.862

Inverse Universe

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



60, 30.484, 202.219



75, 39.982, 202.755



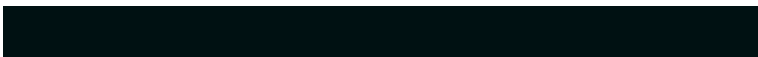
43, 38.112, 274.555



34, 3.280, 202.969



52, 31.101, 203.477



4, 5.160, 204.556

Previews

White Background



This preview shows how the CIELCh color 39, 52.641, 32.060 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, 52.641, 32.060 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, 52.641, 32.060

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.641, 32.060.



This preview shows how white text looks on a background with the CIELCh color 39, 52.641, 32.060.

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, 52.641, 32.060

Protanopia

39, 18.412, 97.022

Deuteranopia

39, 30.444, 79.531



Tritanopia
39, 51.218, 27.457

Trichromacy



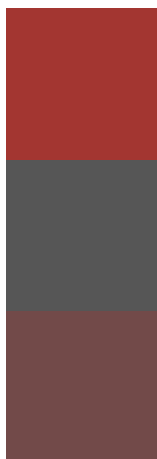
Original Color
39, 52.641, 32.060

Protanomaly
38, 25.600, 51.293

Deuteranomaly
38, 35.023, 53.839

Tritanomaly
39, 51.905, 29.293

Monochromacy



Original Color
39, 52.641, 32.060

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 18.526, 24.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.641, 32.060 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(163, 54, 49)` looks like.

```
.text, #text, p{  
    color:rgb(163, 54, 49)  
}
```

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(163, 54, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 54, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.641, 32.060 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(163, 54, 49) }
```

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

```
.border{ border-color:rgb(163, 54, 49) }
```

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

Here you see how a box with a 4 pixel rgb(163, 54, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 54, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 54, 49);  
box-shadow:4px 4px 4px 4px rgb(163, 54,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.641, 32.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 54, 49) }
```

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

```
.background{ background-color: rgb(163, 54,  
49) }
```

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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