

Converting Colors

CIELCh(39, 41.254, 61.258)

Have a look what the booklet for
CIELCh(39, 41.254, 61.258) contains.

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Color

CIELCh(39, 41.081, 61.491)

Conversions

Conversions Part 1

Format	Color
Hex	864E20
RGB	134, 78, 32
RGB Percent	53%, 31%, 13%
CMY	0.4738, 0.6935, 0.8739
CMYK	0.00, 0.42, 0.76, 0.47
HSL	27°, 61%, 33%
HSV	27°, 76%, 53%
XYZ	12.8584, 10.6589, 2.7568
YIQ	89.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

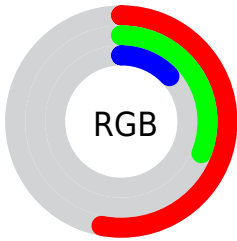
Format	Color
R_{YB}	134, 116, 32
Decimal	8801824
CIE _{Lab}	39.00, 19.61, 36.10
CIE _{LCh}	39, 41.081, 61.491
Yxy	10.6589, 0.4894, 0.4057
Android (android.graphics.Color)	4286991904 (0xFF864E20)
YUV	89.5000, -28.3475, 39.0265
Hunter-Lab	32.6480, 13.1682, 17.8472

Details

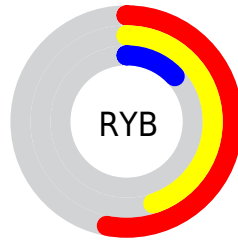
The CIELCh color **39, 41.081, 61.491** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 30.948, 267.147**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 41.027, 61.114**, and **19, 34.669, 54.684** is the 20% darker color. If you saturate the color by 10%, you get **37, 46.742, 60.086**, and if you desaturate by 10%, it is **41, 35.079, 62.670**.

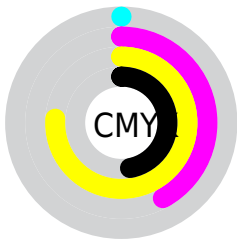
Distribution



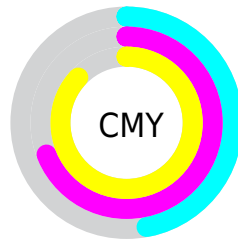
- Red (53%)
- Green (31%)
- Blue (13%)



- Red (53%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (76%)
- Black (47%)



















- Cyan (47%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 41.081, 61.491 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, 41.081, 61.491 by changing the saturation by 10% instead.

 39, 41.081, 61.491	 39, 41.081, 61.491
 100, 41.081, 61.491	 29, 41.081, 61.491
 59, 41.081, 61.491	 19, 41.081, 61.491
 69, 41.081, 61.491	 9, 41.081, 61.491
 79, 41.081, 61.491	 0, 41.081, 61.491
 89, 41.081, 61.491	
 99, 41.081, 61.491	
 39, 41.081, 61.491	 39, 41.081, 61.491
 37, 46.742, 60.086	 41, 35.079, 62.670

■ 35, 51.621, 58.292

■ 43, 29.092, 63.765

■ 35, 53.729, 57.812

■ 45, 23.290, 64.844

■ 47, 17.744, 65.929

■ 50, 12.476, 67.024

■ 52, 7.481, 68.115

■ 55, 2.742, 69.151

■ 57, 1.763, 250.528

■ 59, 6.057, 251.482

Harmonies

Complementary

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



39, 41.081, 61.491



36, 30.948, 267.147

Rectangle

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



39, 41.081, 61.491



39, 41.081, 111.491



39, 41.081, 241.491



39, 41.081, 291.491

Sweetspot

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



39, 41.080, 61.494



64, 13.494, 67.301



31, 48.215, 349.996



32, 9.379, 66.960



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 41.080, 61.494



47, 60.524, 58.823



53, 50.679, 101.062



27, 2.557, 68.849



34, 52.487, 57.935



0, 0.601, 69.917

Inverse Universe

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



36, 30.948, 267.147



42, 44.664, 274.416



21, 63.566, 301.080



27, 2.489, 251.071



30, 38.624, 277.267



0, 0.601, 249.931

Previews

White Background



This preview shows how the CIELCh color 39, 41.081, 61.491 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, 41.081, 61.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

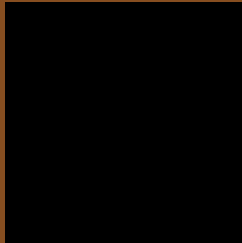
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 41.081, 61.491

Background



This preview shows how black text looks on a background with the CIELCh color 39, 41.081, 61.491.



This preview shows how white text looks on a background with the CIELCh color 39, 41.081, 61.491.

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, 41.081, 61.491

Protanopia

39, 33.571, 96.385

Deuteranopia

39, 37.440, 82.243



Tritanopia
39, 29.071, 17.257

Trichromacy



Original Color
39, 41.081, 61.491

Protanomaly
39, 34.201, 82.508

Deuteranomaly
39, 38.233, 73.508

Tritanomaly
39, 30.945, 37.983

Monochromacy



Original Color
39, 41.081, 61.491

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 14.121, 67.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 41.081, 61.491 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(134, 78, 32)` looks like.

```
.text, #text, p{  
    color:rgb(134, 78, 32)  
}
```

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(134, 78, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 78, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 41.081, 61.491 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(134, 78, 32) }
```

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

```
.border{ border-color:rgb(134, 78, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 78, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 78, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 78, 32);  
box-shadow:4px 4px 4px 4px rgb(134, 78,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 41.081, 61.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 78, 32) }
```

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

```
.background{ background-color: rgb(134, 78,  
32) }
```

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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