

Converting Colors

CIELCh(39, 11.178, 96.750)

Have a look what the booklet for
CIELCh(39, 11.178, 96.750) contains.

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Color

CIELCh(39, 11.177, 96.744)

Conversions

Conversions Part 1

Format	Color
Hex	615C4A
RGB	97, 92, 74
RGB Percent	38%, 36%, 29%
CMY	0.6201, 0.6397, 0.7103
CMYK	0.00, 0.05, 0.24, 0.62
HSL	47°, 13%, 33%
HSV	47°, 24%, 38%
XYZ	9.9637, 10.6589, 7.9888
YIQ	91.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

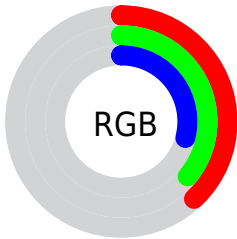
Format	Color
R_{YB}	80, 97, 74
Decimal	6380618
CIE Lab	39.00, -1.31, 11.10
CIE LCh	39, 11.177, 96.744
Yxy	10.6589, 0.3482, 0.3725
Android (android.graphics.Color)	4284570698 (0xFF615C4A)
YUV	91.4430, -8.5994, 4.8735
Hunter-Lab	32.6480, -2.6587, 8.3457

Details

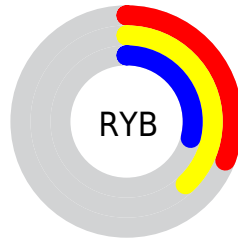
The CIELCh color $39, 11.177, 96.744$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34, 11.419, 282.317$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 10.984, 95.937$, and $19, 11.058, 96.497$ is the 20% darker color. If you saturate the color by 10%, you get $38, 15.927, 95.613$, and if you desaturate by 10%, it is $40, 6.442, 97.857$.

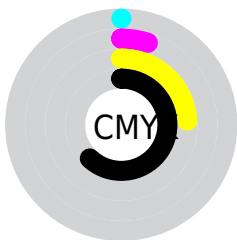
Distribution



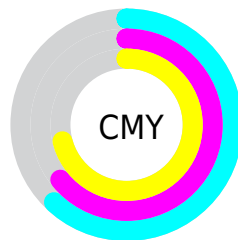
- Red (38%)
- Green (36%)
- Blue (29%)



- Red (31%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (62%)



















- Cyan (62%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 11.177, 96.744 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, 11.177, 96.744 by changing the saturation by 10% instead.

 39, 11.177, 96.744	 39, 11.177, 96.744
 100, 11.177, 96.744	 29, 11.177, 96.744
 59, 11.177, 96.744	 19, 11.177, 96.744
 69, 11.177, 96.744	 9, 11.177, 96.744
 79, 11.177, 96.744	 0, 11.177, 96.744
 89, 11.177, 96.744	
 99, 11.177, 96.744	
 39, 11.177, 96.744	 39, 11.177, 96.744
 38, 15.927, 95.613	 40, 6.442, 97.857

■ 37, 20.656, 94.452

■ 41, 1.740, 98.896

■ 37, 25.303, 93.272

■ 42, 2.918, 280.031

■ 36, 29.764, 92.074

■ 43, 7.527, 281.015

■ 35, 33.875, 90.853

■ 44, 12.086,
281.974

■ 34, 37.384, 89.589

■ 45, 16.595,
282.892

■ 34, 40.115, 88.267

■ 33, 41.977, 87.508

■ 46, 21.055,
283.767

■ 47, 25.468,
284.600

■ 48, 29.835,
285.390

Harmonies

Complementary

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



39, 11.177, 96.744



34, 11.419, 282.317

Rectangle

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



39, 11.177, 96.744



39, 11.177, 146.744



39, 11.177, 276.744



39, 11.177, 326.744

Sweetspot

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



39, 11.178, 96.750



52, 4.033, 98.552



34, 10.716, 3.038



26, 2.642, 98.521



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 11.178, 96.750



49, 16.282, 96.176



40, 14.141, 119.195



20, 2.624, 98.378



39, 46.486, 87.194



79, 80.830, 86.042

Inverse Universe

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



34, 11.419, 282.317



42, 16.721, 283.093



33, 14.788, 302.064



18, 2.649, 280.361



15, 60.099, 300.548



35, 111.148, 302.295

Previews

White Background



This preview shows how the CIELCh color 39, 11.177, 96.744 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, 11.177, 96.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

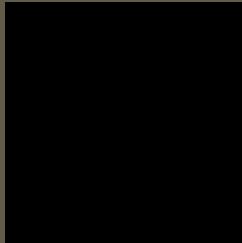
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

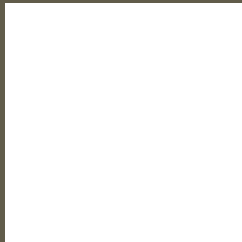
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 11.177, 96.744

Background



This preview shows how black text looks on a background with the CIELCh color 39, 11.177, 96.744.



This preview shows how white text looks on a background with the CIELCh color 39, 11.177, 96.744.

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

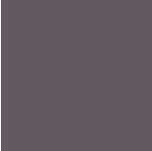
39, 11.177, 96.744

Protanopia

39, 11.177, 96.744

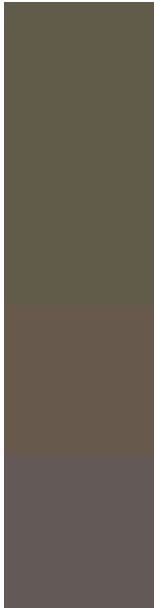
Deuteranopia

39, 11.871, 61.748



Tritanopia
39, 6.323, 337.695

Trichromacy



Original Color

39, 11.177, 96.744

Protanomaly

39, 11.177, 96.744

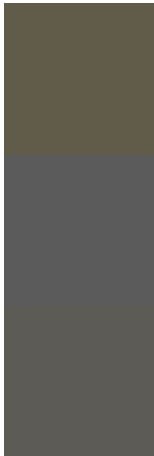
Deuteranomaly

39, 10.719, 72.253

Tritanomaly

39, 4.075, 37.209

Monochromacy



Original Color

39, 11.177, 96.744

Achromatopsia

39, 0.005, 296.813

Achromatomaly

39, 3.758, 96.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 11.177, 96.744 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(97, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(97, 92, 74)  
}
```

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(97, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 92, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 11.177, 96.744 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(97, 92, 74) }
```

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

```
.border{ border-color:rgb(97, 92, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 92, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(97, 92, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 11.177, 96.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 92, 74) }
```

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

```
.background{ background-color: rgb(97, 92,  
74) }
```

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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