

Converting Colors

CIELCh(39, 19.377, 101.538)

Have a look what the booklet for
CIELCh(39, 19.377, 101.538)
contains.

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Color

CIELCh(39, 19.377, 101.538)

Conversions

Conversions Part 1

Format	Color
Hex	615D3D
RGB	97, 93, 61
RGB Percent	38%, 36%, 24%
CMY	0.6204, 0.6361, 0.7615
CMYK	0.00, 0.04, 0.37, 0.62
HSL	53°, 23%, 31%
HSV	53°, 37%, 38%
XYZ	9.6422, 10.6589, 5.9375
YIQ	90.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

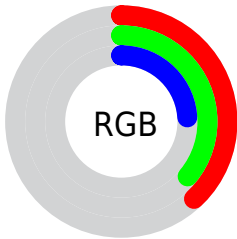
Format	Color
R_{YB}	66, 97, 61
Decimal	6380861
CIE Lab	39.00, -3.88, 18.99
CIE LCh	39, 19.377, 101.538
Yxy	10.6589, 0.3675, 0.4062
Android (android.graphics.Color)	4284570941 (0xFF615D3D)
YUV	90.5480, -14.5672, 5.6584
Hunter-Lab	32.6480, -4.4163, 12.0710

Details

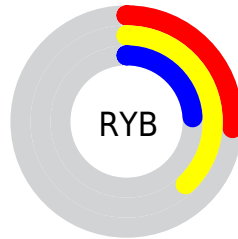
The CIELCh color **39, 19.377, 101.538** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28, 20.683, 290.043**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 19.194, 101.604**, and **19, 19.187, 100.474** is the 20% darker color. If you saturate the color by 10%, you get **39, 24.442, 100.525**, and if you desaturate by 10%, it is **40, 14.206, 102.561**.

Distribution



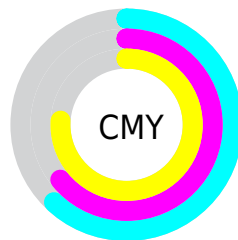
- Red (38%)
- Green (36%)
- Blue (24%)



- Red (26%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (62%)





- Cyan (62%)
- Magenta (64%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 19.377, 101.538 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, 19.377, 101.538 by changing the saturation by 10% instead.


 39, 19.377,
101.538


 39, 19.377,
101.538

 100, 19.377,
101.538


 29, 19.377,
101.538

 59, 19.377,
101.538


 19, 19.377,
101.538


 69, 19.377,
101.538

 9, 19.377, 101.538

 79, 19.377,
101.538

 0, 19.377, 101.538

 89, 19.377,
101.538

 99, 19.377,
101.538

■ 39, 19.377,
101.538

■ 39, 19.377,
101.538

■ 39, 24.442,
100.525

■ 40, 14.206,
102.561

■ 38, 29.307, 99.522

■ 40, 8.985, 103.569

■ 38, 33.833, 98.548

■ 41, 3.748, 104.553

■ 37, 37.815, 97.616

■ 41, 1.482, 285.585

■ 37, 40.983, 96.735

■ 42, 6.691, 286.489

■ 36, 43.520, 95.902

■ 43, 11.870,
287.390

■ 36, 44.307, 95.674

■ 43, 17.016,
288.256

■ 44, 22.125,
289.084

■ 45, 27.193,

Harmonies

Complementary

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



39, 19.377, 101.538



28, 20.683, 290.043

Rectangle

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



39, 19.377, 101.538



39, 19.377, 151.538



39, 19.377, 281.538



39, 19.377, 331.538

Sweetspot

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



39, 19.378, 101.542



52, 7.096, 104.150



30, 16.931, 13.643



26, 4.806, 104.064



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, 19.378, 101.542



49, 28.783, 100.611



39, 22.470, 123.104



20, 2.934, 104.389



42, 49.111, 95.534



85, 85.493, 95.026

Inverse Universe

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



28, 20.683, 290.043



33, 31.401, 291.668



29, 23.918, 306.957



18, 2.979, 286.196



12, 67.087, 303.889



32, 122.003, 305.021

Previews

White Background



This preview shows how the CIE LCh color 39, 19.377, 101.538 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, 19.377, 101.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

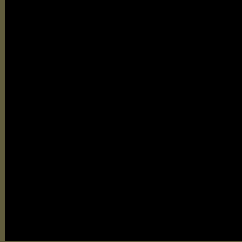
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 19.377, 101.538

Background



This preview shows how black text looks on a background with the CIELCh color 39, 19.377, 101.538.



This preview shows how white text looks on a background with the CIELCh color 39, 19.377, 101.538.

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, 19.377, 101.538

Protanopia

39, 19.703, 95.996

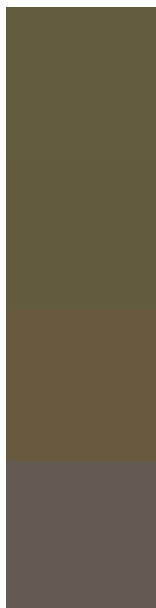
Deuteranopia

39, 19.194, 74.425



Tritanopia
39, 6.273, 344.549

Trichromacy



Original Color
39, 19.377, 101.538

Protanomaly
39, 19.611, 97.360

Deuteranomaly
39, 18.514, 84.814

Tritanomaly
39, 5.833, 66.642

Monochromacy



Original Color
39, 19.377, 101.538

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 7.337, 105.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 19.377, 101.538 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, 93, 61)` looks like.

```
.text, #text, p{  
    color:rgb(97, 93, 61)  
}
```

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, 93, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 93, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 19.377, 101.538 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, 93, 61) }
```

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

```
.border{ border-color:rgb(97, 93, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 93, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 93, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 93, 61);  
box-shadow:4px 4px 4px 4px rgb(97, 93, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 19.377, 101.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 93, 61) }
```

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

```
.background{ background-color: rgb(97, 93,  
61) }
```

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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