

Converting Colors

CIELCh(39, 11.409, 110.681)

Have a look what the booklet for
CIELCh(39, 11.409, 110.681)
contains.

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Color

CIELCh(39, 11.547, 110.576)

Conversions

Conversions Part 1

Format	Color
Hex	5C5D4A
RGB	92, 93, 74
RGB Percent	36%, 36%, 29%
CMY	0.6382, 0.6343, 0.7088
CMYK	0.01, 0.00, 0.20, 0.63
HSL	63°, 11%, 33%
HSV	63°, 20%, 37%
XYZ	9.6196, 10.6589, 8.0719
YIQ	90.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

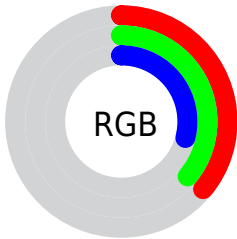
Format	Color
R_YB	74, 93, 75
Decimal	6053194
CIE Lab	39.00, -4.06, 10.81
CIE LCh	39, 11.547, 110.576
Yxy	10.6589, 0.3393, 0.3760
Android (android.graphics.Color)	4284243274 (0xFF5C5D4A)
YUV	90.5350, -8.1518, 1.2848
Hunter-Lab	32.6480, -4.5399, 8.1948

Details

The CIELCh color $39, 11.547, 110.576$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $32, 12.060, 294.167$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 11.276, 110.943$, and $19, 11.495, 109.893$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.130, 109.758$, and if you desaturate by 10%, it is $39, 5.898, 111.402$.

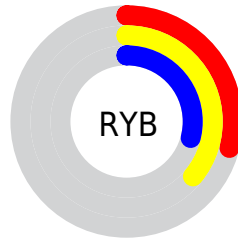
Distribution



Red (36%)

Green (36%)

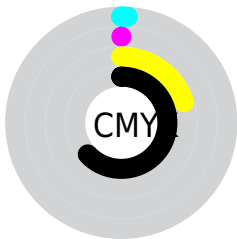
Blue (29%)



Red (29%)

Yellow (36%)

Blue (29%)

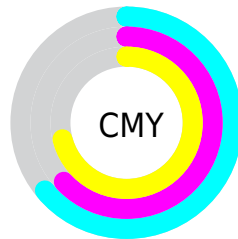


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (63%)



Cyan (64%)


Magenta (63%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 11.547, 110.576 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, 11.547, 110.576 by changing the saturation by 10% instead.


 39, 11.547,
110.576


 39, 11.547,
110.576

 100, 11.547,
110.576


 29, 11.547,
110.576

 59, 11.547,
110.576


 19, 11.547,
110.576


 69, 11.547,
110.576

 9, 11.547, 110.576

 79, 11.547,
110.576

 0, 11.547, 110.576

 89, 11.547,
110.576

 99, 11.547,
110.576

■ 39, 11.547,
110.576

■ 39, 11.547,
110.576

■ 39, 17.130,
109.758

■ 39, 5.898, 111.402

■ 39, 22.592,
108.952

■ 40, 0.214, 112.101

■ 40, 5.480, 293.018

■ 38, 27.858,
108.183

■ 40, 11.168,
293.783

■ 38, 32.813,
107.478

■ 41, 16.837,
294.520

■ 38, 37.297,
106.872

■ 41, 22.478,
295.224

■ 38, 41.098,
106.407

■ 42, 28.084,
295.893

■ 38, 43.990,
106.124

■ 42, 33.650,
296.526

■ 38, 46.534,

105.891

■ 43, 39.171,
297.123

Harmonies

Complementary

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



39, 11.547, 110.576



32, 12.060, 294.167

Rectangle

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



39, 11.547, 110.576



39, 11.547, 160.576



39, 11.547, 290.576



39, 11.547, 340.576

Sweetspot

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



39, 11.548, 110.581



51, 4.263, 111.742



34, 8.189, 24.761



26, 2.801, 111.713



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 11.548, 110.581



51, 16.976, 110.219



38, 12.494, 129.964



19, 3.141, 111.531



44, 52.146, 105.951



90, 91.935, 106.151

Inverse Universe

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



32, 12.060, 294.167



41, 17.911, 294.660



33, 12.783, 311.631



17, 3.203, 293.012



10, 71.527, 306.575



30, 126.425, 306.402

Previews

White Background



This preview shows how the CIE LCh color 39, 11.547, 110.576 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, 11.547, 110.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

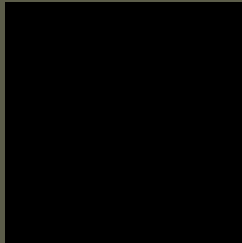
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 11.547, 110.576

Background



This preview shows how black text looks on a background with the CIELCh color 39, 11.547, 110.576.



This preview shows how white text looks on a background with the CIELCh color 39, 11.547, 110.576.

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, 11.547, 110.576

Protanopia

39, 11.771, 97.208

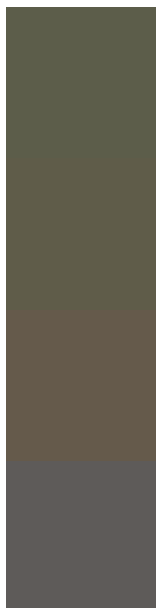
Deuteranopia

39, 11.524, 63.273



Tritanopia
39, 4.791, 316.442

Trichromacy



Original Color
39, 11.547, 110.576

Protanomaly
39, 11.629, 101.623

Deuteranomaly
39, 10.455, 80.135

Tritanomaly
39, 1.760, 63.250

Monochromacy



Original Color
39, 11.547, 110.576

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 4.296, 115.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 11.547, 110.576 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(92, 93, 74)` looks like.

```
.text, #text, p{  
    color:rgb(92, 93, 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(92, 93, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 93, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 11.547, 110.576 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(92, 93, 74) }
```

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

```
.border{ border-color:rgb(92, 93, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 93, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 93, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 93, 74);  
box-shadow:4px 4px 4px 4px rgb(92, 93, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 11.547, 110.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 93, 74) }
```

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

```
.background{ background-color: rgb(92, 93,  
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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