

Converting Colors

CIELCh(39, 11.574, 116.865)

Have a look what the booklet for
CIELCh(39, 11.574, 116.865)
contains.

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Color

CIELCh(39, 11.671, 117.144)

Conversions

Conversions Part 1

Format	Color
Hex	5A5E4B
RGB	90, 94, 75
RGB Percent	35%, 37%, 29%
CMY	0.6475, 0.6318, 0.7063
CMYK	0.04, 0.00, 0.20, 0.63
HSL	73°, 11%, 33%
HSV	73°, 20%, 37%
XYZ	9.4636, 10.6589, 8.1949
YIQ	90.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

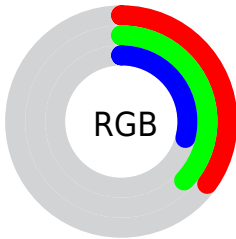
Format	Color
R_{YB}	75, 94, 79
Decimal	5922379
CIE Lab	39.00, -5.32, 10.39
CIE LCh	39, 11.671, 117.144
Yxy	10.6589, 0.3342, 0.3764
Android (android.graphics.Color)	4284112459 (0xFF5A5E4B)
YUV	90.6380, -7.7095, -0.5595
Hunter-Lab	32.6480, -5.3928, 7.9713

Details

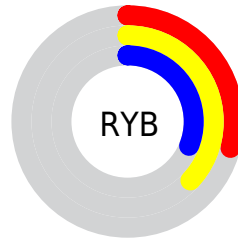
The CIELCh color $39, 11.671, 117.144$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $33, 12.145, 299.808$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 11.387, 117.079$, and $19, 11.649, 117.464$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.367, 116.518$, and if you desaturate by 10%, it is $39, 5.915, 117.776$.

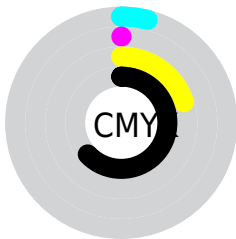
Distribution



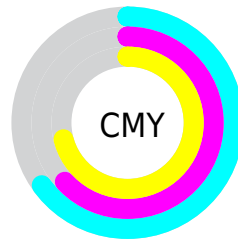
- Red (35%)
- Green (37%)
- Blue (29%)



- Red (29%)
- Yellow (37%)
- Blue (31%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (63%)




- Cyan (65%)
- Magenta (63%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 11.671, 117.144 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, 11.671, 117.144 by changing the saturation by 10% instead.


 39, 11.671,
117.144


 39, 11.671,
117.144

 100, 11.671,
117.144


 29, 11.671,
117.144

 59, 11.671,
117.144


 19, 11.671,
117.144


 69, 11.671,
117.144

 9, 11.671, 117.144

 79, 11.671,
117.144

 0, 11.671, 117.144

 89, 11.671,
117.144

 99, 11.671,
117.144

■ 39, 11.671,
117.144

■ 39, 11.671,
117.144

■ 39, 17.367,
116.518

■ 39, 5.915, 117.776

■ 38, 22.947,
115.904

■ 40, 0.131, 118.458

■ 40, 5.655, 298.980

■ 38, 28.337,
115.333

■ 41, 11.424,
299.547

■ 38, 33.427,
114.840

■ 41, 17.163,
300.084

■ 37, 38.059,
114.478

■ 42, 22.862,
300.589

■ 37, 42.026,
114.312

■ 42, 28.511,
301.063

■ 37, 45.103,
114.418

■ 43, 34.106,
301.506

■ 37, 47.857,

114.551

■ 44, 39.642,
301.919

Harmonies

Complementary

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



39, 11.671, 117.144



33, 12.145, 299.808

Rectangle

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



39, 11.671, 117.144



39, 11.671, 167.144



39, 11.671, 297.144



39, 11.671, 347.144

Sweetspot

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



39, 11.672, 117.148



51, 4.313, 118.028



35, 7.275, 39.166



26, 2.834, 118.006



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, 11.672, 117.148



50, 17.194, 116.863



38, 13.000, 134.891



19, 3.178, 117.866



43, 53.421, 114.757



88, 94.459, 115.467

Inverse Universe

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



33, 12.145, 299.808



41, 18.062, 300.176



34, 13.185, 316.523



17, 3.236, 298.967



11, 70.328, 307.704



31, 124.787, 307.243

Previews

White Background



This preview shows how the CIE LCh color 39, 11.671, 117.144 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, 11.671, 117.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

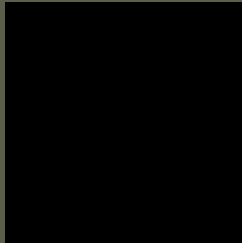
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 11.671, 117.144

Background



This preview shows how black text looks on a background with the CIELCh color 39, 11.671, 117.144.



This preview shows how white text looks on a background with the CIELCh color 39, 11.671, 117.144.

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, 11.671, 117.144

Protanopia

39, 11.177, 96.744

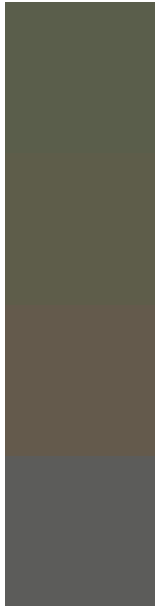
Deuteranopia

39, 11.082, 61.198



Tritanopia
39, 4.381, 301.656

Trichromacy



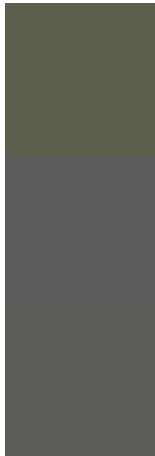
Original Color
39, 11.671, 117.144

Protanomaly
39, 11.540, 106.113

Deuteranomaly
39, 9.687, 80.960

Tritanomaly
39, 1.217, 109.956

Monochromacy



Original Color
39, 11.671, 117.144

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, 11.671, 117.144 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(90, 94, 75)` looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 75)  
}
```

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(90, 94, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 11.671, 117.144 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(90, 94, 75) }
```

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

```
.border{ border-color:rgb(90, 94, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 94, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 75);  
box-shadow:4px 4px 4px 4px rgb(90, 94, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 11.671, 117.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 94, 75) }
```

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

```
.background{ background-color: rgb(90, 94,  
75) }
```

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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