

Converting Colors

CIELCh(39, 36.464, 144.869)

Have a look what the booklet for
CIELCh(39, 36.464, 144.869)
contains.

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Color

CIELCh(39, 36.329, 144.677)

Conversions

Conversions Part 1

Format	Color
Hex	2F6738
RGB	47, 103, 56
RGB Percent	18%, 40%, 22%
CMY	0.8145, 0.5949, 0.7793
CMYK	0.54, 0.00, 0.46, 0.59
HSL	130°, 37%, 30%
HSV	130°, 54%, 41%
XYZ	6.7863, 10.6589, 5.4757
YIQ	80.8980, -18.2890, -26.4890

Conversions

Conversions Part 2

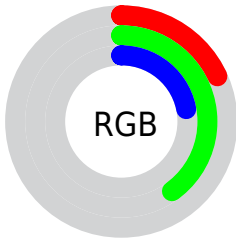
Format	Color
RYB	47, 95, 103
Decimal	3106616
CIELab	39.00, -29.64, 21.00
CIELCh	39, 36.329, 144.677
Yxy	10.6589, 0.2961, 0.4650
Android (android.graphics.Color)	4281296696 (0xFF2F6738)
YUV	80.8980, -12.2747, -29.7285
Hunter-Lab	32.6480, -20.0309, 12.9096

Details

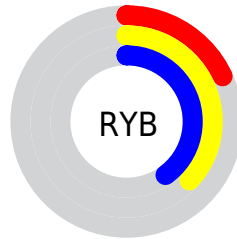
The CIELCh color **39, 36.329, 144.677** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 36.144, 332.380**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 36.338, 144.692**, and **19, 34.865, 142.271** is the 20% darker color. If you saturate the color by 10%, you get **38, 42.247, 143.442**, and if you desaturate by 10%, it is **40, 29.983, 145.778**.

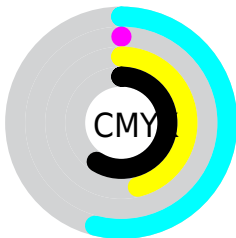
Distribution



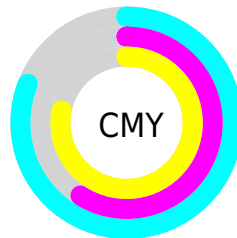
- Red (18%)
- Green (40%)
- Blue (22%)



- Red (18%)
- Yellow (37%)
- Blue (40%)



- Cyan (54%)
- Magenta (0%)
- Yellow (46%)
- Black (59%)




- Cyan (81%)
- Magenta (59%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 36.329, 144.677 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, 36.329, 144.677 by changing the saturation by 10% instead.


 39, 36.329,
144.677


 39, 36.329,
144.677

 100, 36.329,
144.677


 29, 36.329,
144.677

 59, 36.329,
144.677


 19, 36.329,
144.677

 69, 36.329,
144.677

 9, 36.329, 144.677

 79, 36.329,
144.677

 0, 36.329, 144.677

 89, 36.329,
144.677

 99, 36.329,
144.677

■ 39, 36.329,
144.677

■ 39, 36.329,
144.677

■ 38, 42.247,
143.442

■ 40, 29.983,
145.778

■ 38, 47.586,
142.089

■ 40, 23.347,
146.745

■ 38, 52.199,
140.660

■ 41, 16.546,
147.588

■ 38, 55.979,
139.265

■ 42, 9.685, 148.324

■ 37, 57.867,
138.659

■ 43, 2.849, 149.001

■ 44, 3.900, 329.436

■ 46, 10.514,
329.943

■ 47, 16.963,
330.367

■ 48, 23.227,
330.736

Harmonies

Complementary

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



39, 36.329, 144.677



29, 36.144, 332.380

Rectangle

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



39, 36.329, 144.677



39, 36.329, 194.677



39, 36.329, 324.677



39, 36.329, 14.677

Sweetspot

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



39, 36.330, 144.677



54, 13.613, 148.166



42, 32.611, 112.366



28, 9.267, 148.062



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 36.330, 144.677



50, 53.005, 143.090



40, 24.320, 166.998



21, 3.776, 148.681



42, 62.646, 138.456



84, 111.007, 137.554

Inverse Universe

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



29, 36.144, 332.380



35, 52.046, 333.167



28, 27.487, 359.226



20, 3.786, 329.648



25, 56.852, 335.460



55, 97.890, 335.981

Previews

White Background



This preview shows how the CIE LCh color 39, 36.329, 144.677 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, 36.329, 144.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

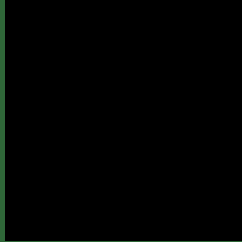
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 36.329, 144.677

Background



This preview shows how black text looks on a background with the CIELCh color 39, 36.329, 144.677.



This preview shows how white text looks on a background with the CIELCh color 39, 36.329, 144.677.

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, 36.329, 144.677

Protanopia
39, 23.858, 95.882

Deuteranopia
39, 20.044, 74.030



Tritanopia
39, 14.489, 217.772

Trichromacy



Original Color
39, 36.329, 144.677

Protanomaly
38, 25.348, 121.173

Deuteranomaly
38, 20.664, 114.672

Tritanomaly
39, 18.814, 173.990

Monochromacy



Original Color
39, 36.329, 144.677

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 13.678, 147.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 36.329, 144.677 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(47, 103, 56)` looks like.

```
.text, #text, p{  
    color:rgb(47, 103, 56)  
}
```

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(47, 103, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 103, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 36.329, 144.677 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(47, 103, 56) }
```

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

```
.border{ border-color:rgb(47, 103, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 103, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 103, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 103, 56);  
box-shadow:4px 4px 4px 4px rgb(47, 103,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 36.329, 144.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 103, 56) }
```

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

```
.background{ background-color: rgb(47, 103,  
56) }
```

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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