

Converting Colors

CIELCh(39, 36.855, 147.847)

Have a look what the booklet for
CIELCh(39, 36.855, 147.847)
contains.

CIELCh(39, 36.772, 148.074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 36.772, 148.074)

Conversions

Conversions Part 1

Format	Color
Hex	29683B
RGB	41, 104, 59
RGB Percent	16%, 41%, 23%
CMY	0.8397, 0.5926, 0.7691
CMYK	0.61, 0.00, 0.43, 0.59
HSL	137°, 44%, 28%
HSV	137°, 61%, 41%
XYZ	6.6335, 10.6589, 5.8300
YIQ	80.0330, -23.1030, -27.3510

Conversions

Conversions Part 2

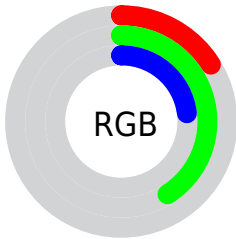
Format	Color
RYB	41, 90, 104
Decimal	2713659
CIELab	39.00, -31.21, 19.45
CIElCh	39, 36.772, 148.074
Yxy	10.6589, 0.2869, 0.4610
Android (android.graphics.Color)	4280903739 (0xFF29683B)
YUV	80.0330, -10.3693, -34.2319
Hunter-Lab	32.6480, -20.8662, 12.2662

Details

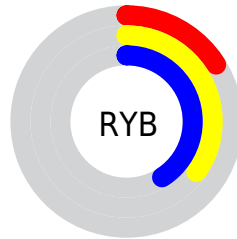
The CIELCh color **39, 36.772, 148.074** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27, 36.766, 338.199**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 36.757, 148.030**, and **19, 33.805, 144.084** is the 20% darker color. If you saturate the color by 10%, you get **39, 41.922, 146.642**, and if you desaturate by 10%, it is **40, 31.191, 149.344**.

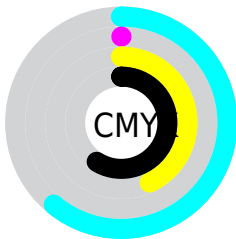
Distribution



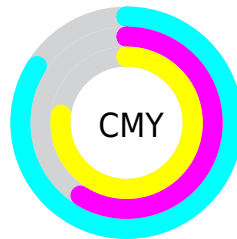
- Red (16%)
- Green (41%)
- Blue (23%)



- Red (16%)
- Yellow (35%)
- Blue (41%)



- Cyan (61%)
- Magenta (0%)
- Yellow (43%)
- Black (59%)





- Cyan (84%)
- Magenta (59%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 36.772, 148.074 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, 36.772, 148.074 by changing the saturation by 10% instead.


 39, 36.772,
148.074


 39, 36.772,
148.074

 100, 36.772,
148.074


 29, 36.772,
148.074

 59, 36.772,
148.074


 19, 36.772,
148.074


 69, 36.772,
148.074

 9, 36.772, 148.074

 79, 36.772,
148.074

 0, 36.772, 148.074

 89, 36.772,
148.074

 99, 36.772,
148.074

■ 39, 36.772,
148.074

■ 39, 36.772,
148.074

■ 39, 41.922,
146.642

■ 40, 31.191,
149.344

■ 38, 46.542,
145.053

■ 40, 25.287,
150.461

■ 38, 50.554,
143.331

■ 41, 19.164,
151.438

■ 38, 53.903,
141.875

■ 42, 12.923,
152.296

■ 43, 6.647, 153.059

■ 44, 0.403, 154.200

■ 45, 5.755, 334.231

■ 46, 11.789,
334.768

■ 48, 17.674,
335.237

Harmonies

Complementary

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



39, 36.772, 148.074



27, 36.766, 338.199

Rectangle

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



39, 36.772, 148.074



39, 36.772, 198.074



39, 36.772, 328.074



39, 36.772, 18.074

Sweetspot

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



39, 36.773, 148.074



54, 13.972, 152.467



41, 36.967, 117.991



28, 9.788, 152.289



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, 36.773, 148.074



50, 53.147, 145.960



40, 23.887, 176.019



21, 3.446, 153.187



42, 58.174, 141.626



84, 103.832, 140.380

Inverse Universe

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



27, 36.766, 338.199



33, 51.905, 339.635



26, 30.191, 10.623



20, 3.461, 334.250



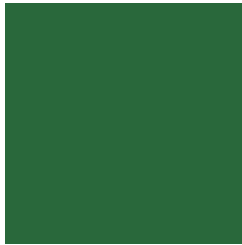
24, 52.073, 343.023



54, 89.317, 344.215

Previews

White Background



This preview shows how the CIE LCh color 39, 36.772, 148.074 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, 36.772, 148.074 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, 36.772, 148.074

Background



This preview shows how black text looks on a background with the CIELCh color 39, 36.772, 148.074.



This preview shows how white text looks on a background with the CIELCh color 39, 36.772, 148.074.

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, 36.772, 148.074

Protanopia

39, 22.719, 95.588

Deuteranopia

39, 18.202, 72.641



Tritanopia
39, 15.826, 215.886

Trichromacy



Original Color
39, 36.772, 148.074

Protanomaly
38, 25.328, 125.431

Deuteranomaly
38, 19.191, 119.618

Tritanomaly
39, 20.160, 177.259

Monochromacy



Original Color
39, 36.772, 148.074

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.503, 150.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 36.772, 148.074 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(41, 104, 59)` looks like.

```
.text, #text, p{  
    color:rgb(41, 104, 59)  
}
```

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(41, 104, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 104, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 36.772, 148.074 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(41, 104, 59) }
```

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

```
.border{ border-color:rgb(41, 104, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 104, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 104, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 104, 59);  
box-shadow:4px 4px 4px 4px rgb(41, 104,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 36.772, 148.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 104, 59) }
```

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

```
.background{ background-color: rgb(41, 104,  
59) }
```

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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