

Converting Colors

CIELCh(39, 48.137, 141.045)

Have a look what the booklet for
CIELCh(39, 48.137, 141.045)
contains.

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Color

CIELCh(39, 48.459, 141.050)

Conversions

Conversions Part 1

Format	Color
Hex	1F6A27
RGB	31, 106, 39
RGB Percent	12%, 42%, 15%
CMY	0.8803, 0.5858, 0.8484
CMYK	0.71, 0.00, 0.63, 0.59
HSL	126°, 55%, 27%
HSV	126°, 71%, 41%
XYZ	6.0269, 10.6589, 3.6291
YIQ	75.9370, -23.1930, -36.7370

Conversions

Conversions Part 2

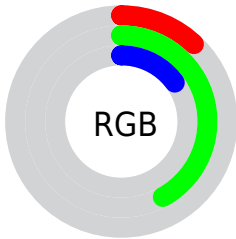
Format	Color
R_{YB}	31, 99, 106
Decimal	2058791
CIE _{Lab}	39.00, -37.69, 30.46
CIE _{LCh}	39, 48.459, 141.050
Yxy	10.6589, 0.2967, 0.5247
Android (android.graphics.Color)	4280248871 (0xFF1F6A27)
YUV	75.9370, -18.2099, -39.4097
Hunter-Lab	32.6480, -24.1828, 16.2630

Details

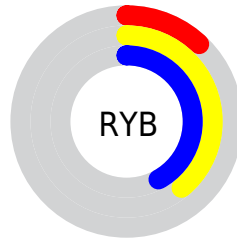
The CIELCh color **39, 48.459, 141.050** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26, 47.297, 331.393**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 48.267, 141.285**, and **20, 40.183, 137.651** is the 20% darker color. If you saturate the color by 10%, you get **39, 53.423, 139.744**, and if you desaturate by 10%, it is **39, 42.701, 142.308**.

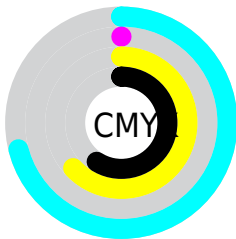
Distribution



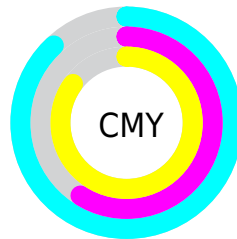
- Red (12%)
- Green (42%)
- Blue (15%)



- Red (12%)
- Yellow (39%)
- Blue (42%)



- Cyan (71%)
- Magenta (0%)
- Yellow (63%)
- Black (59%)





- Cyan (88%)
- Magenta (59%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 48.459, 141.050 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, 48.459, 141.050 by changing the saturation by 10% instead.


 39, 48.459,
141.050

 39, 48.459,
141.050

 100, 48.459,
141.050

 29, 48.459,
141.050

 59, 48.459,
141.050


 19, 48.459,
141.050


 69, 48.459,
141.050

 9, 48.459, 141.050

 79, 48.459,
141.050

 0, 48.459, 141.050

 89, 48.459,
141.050

 99, 48.459,
141.050

■ 39, 48.459,
141.050

■ 39, 48.459,
141.050

■ 39, 53.423,
139.744

■ 39, 42.701,
142.308

■ 38, 57.408,
138.473

■ 40, 36.334,
143.466

■ 38, 60.187,
137.670

■ 41, 29.534,
144.502

■ 41, 22.456,
145.412

■ 42, 15.235,
146.205

■ 43, 7.981, 146.897

■ 45, 0.778, 147.692

■ 46, 6.312, 327.941

■ 47, 13.243,
328.394

Harmonies

Complementary

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



39, 48.459, 141.050



26, 47.297, 331.393

Rectangle

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



39, 48.459, 141.050



39, 48.459, 191.050



39, 48.459, 321.050



39, 48.459, 11.050

Sweetspot

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



39, 48.459, 141.050



55, 18.857, 146.168



43, 41.639, 109.124



27, 12.671, 146.022



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, 48.459, 141.050



50, 67.783, 138.934



40, 32.349, 161.326



22, 4.083, 147.034



42, 65.095, 137.507



85, 113.881, 136.822

Inverse Universe

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



26, 47.297, 331.393



33, 64.189, 332.196



25, 36.076, 359.247



21, 4.092, 327.983



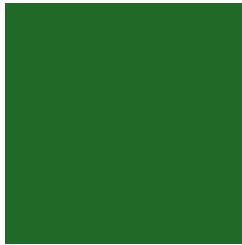
26, 60.016, 332.857



57, 102.782, 333.163

Previews

White Background



This preview shows how the CIE LCh color 39, 48.459, 141.050 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, 48.459, 141.050 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, 48.459, 141.050

Background



This preview shows how black text looks on a background with the CIELCh color 39, 48.459, 141.050.



This preview shows how white text looks on a background with the CIELCh color 39, 48.459, 141.050.

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, 48.459, 141.050

Protanopia
39, 33.593, 96.325

Deuteranopia
39, 29.223, 79.609



Tritanopia
39, 16.846, 214.620

Trichromacy



Original Color
39, 48.459, 141.050

Protanomaly
38, 36.563, 120.503

Deuteranomaly
38, 31.006, 115.109

Tritanomaly
39, 24.361, 167.836

Monochromacy



Original Color
39, 48.459, 141.050

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 19.816, 145.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 48.459, 141.050 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(31, 106, 39)` looks like.

```
.text, #text, p{  
    color:rgb(31, 106, 39)  
}
```

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(31, 106, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 106, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 48.459, 141.050 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(31, 106, 39) }
```

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

```
.border{ border-color:rgb(31, 106, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 106, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 106, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 106, 39);  
box-shadow:4px 4px 4px 4px rgb(31, 106,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 48.459, 141.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 106, 39) }
```

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

```
.background{ background-color: rgb(31, 106,  
39) }
```

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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