

Converting Colors

CIELCh(40, 39.108, 141.176)

Have a look what the booklet for
CIELCh(40, 39.108, 141.176)
contains.

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Color

CIELCh(40, 39.256, 140.936)

Conversions

Conversions Part 1

Format	Color
Hex	336A34
RGB	51, 106, 52
RGB Percent	20%, 42%, 20%
CMY	0.8001, 0.5844, 0.7962
CMYK	0.52, 0.00, 0.51, 0.58
HSL	121°, 35%, 31%
HSV	121°, 52%, 42%
XYZ	7.1327, 11.2510, 5.0406
YIQ	83.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

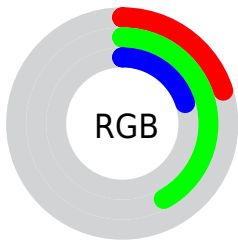
Format	Color
RYB	51, 105, 106
Decimal	3369524
CIELab	40.00, -30.48, 24.74
CIELCh	40, 39.256, 140.936
Yxy	11.2510, 0.3045, 0.4803
Android (android.graphics.Color)	4281559604 (0xFF336A34)
YUV	83.3990, -15.4797, -28.4139
Hunter-Lab	33.5425, -20.7419, 14.5700

Details

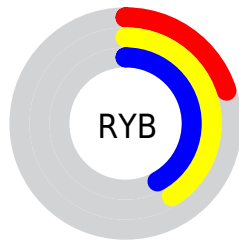
The CIELCh color **40, 39.256, 140.936** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 39.048, 327.522**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 39.172, 141.019**, and **20, 38.646, 139.422** is the 20% darker color. If you saturate the color by 10%, you get **39, 45.876, 139.859**, and if you desaturate by 10%, it is **41, 32.091, 141.931**.

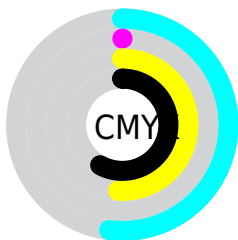
Distribution



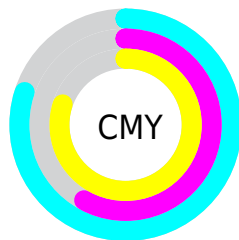
- Red (20%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (41%)
- Blue (42%)



- Cyan (52%)
- Magenta (0%)
- Yellow (51%)
- Black (58%)





- Cyan (80%)
- Magenta (58%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 39.256, 140.936 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 40, 39.256, 140.936 by changing the saturation by 10% instead.


 40, 39.256,
140.936


 40, 39.256,
140.936


 100, 39.256,
140.936


 30, 39.256,
140.936

 60, 39.256,
140.936


 20, 39.256,
140.936

 70, 39.256,
140.936

 10, 39.256,
140.936

 80, 39.256,
140.936

 0, 39.256, 140.936

 90, 39.256,
140.936

 40, 39.256,

 40, 39.256,

140.936

140.936

■ 39, 45.876,
139.859

■ 41, 32.091,
141.931

■ 39, 51.713,
138.752

■ 41, 24.580,
142.820

■ 39, 56.506,
137.708

■ 42, 16.887,
143.598

■ 39, 60.006,
136.850

■ 43, 9.144, 144.275

■ 45, 1.449, 144.944

■ 38, 62.352,
136.301

■ 46, 6.125, 325.294

■ 47, 13.531,
325.727

■ 49, 20.735,
326.090

■ 50, 27.722,

Harmonies

Complementary

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



40, 39.256, 140.936



31, 39.048, 327.522

Rectangle

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



40, 39.256, 140.936



40, 39.256, 190.936



40, 39.256, 320.936



40, 39.256, 10.936

Sweetspot

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



40, 39.257, 140.936



55, 15.270, 143.979



44, 31.750, 106.325



28, 10.238, 143.882



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 39.257, 140.936



51, 56.704, 139.658



41, 26.816, 159.404



22, 4.345, 144.459



42, 67.071, 136.270



85, 115.836, 136.120

Inverse Universe

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



31, 39.048, 327.522



37, 56.030, 328.002



29, 28.453, 349.886



21, 4.353, 325.372



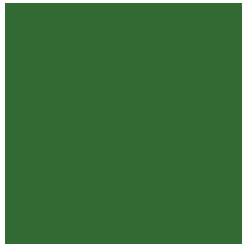
27, 64.226, 328.941



58, 110.430, 328.984

Previews

White Background



This preview shows how the CIELCh color 40, 39.256, 140.936 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 40, 39.256, 140.936 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 40, 39.256, 140.936

Background



This preview shows how black text looks on a background with the CIELCh color 40, 39.256, 140.936.



This preview shows how white text looks on a background with the CIELCh color 40, 39.256, 140.936.

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

40, 39.256, 140.936

Protanopia

40, 27.748, 95.759

Deuteranopia

40, 23.849, 77.679



Tritanopia
40, 13.928, 218.606

Trichromacy



Original Color
40, 39.256, 140.936

Protanomaly
39, 29.473, 117.690

Deuteranomaly
39, 24.510, 111.868

Tritanomaly
40, 18.867, 170.126

Monochromacy



Original Color
40, 39.256, 140.936

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 14.620, 144.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 39.256, 140.936 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(51, 106, 52)` looks like.

```
.text, #text, p{  
    color:rgb(51, 106, 52)  
}
```

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(51, 106, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 106, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 39.256, 140.936 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(51, 106, 52) }
```

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

```
.border{ border-color:rgb(51, 106, 52) }
```

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

Here you see how a box with a 4 pixel rgb(51, 106, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 106, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 106, 52);  
box-shadow:4px 4px 4px 4px rgb(51, 106,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 39.256, 140.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 106, 52) }
```

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

```
.background{ background-color: rgb(51, 106,  
52) }
```

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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