

Converting Colors

CIELCh(39, 25.099, 140.978)

Have a look what the booklet for
CIELCh(39, 25.099, 140.978)
contains.

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Color

CIELCh(39, 25.528, 140.759)

Conversions

Conversions Part 1

Format	Color
Hex	436441
RGB	67, 100, 65
RGB Percent	26%, 39%, 25%
CMY	0.7377, 0.6083, 0.7456
CMYK	0.33, 0.00, 0.35, 0.61
HSL	117°, 21%, 32%
HSV	117°, 35%, 39%
XYZ	7.8018, 10.6589, 6.6290
YIQ	86.1430, -8.4330, -17.8810

Conversions

Conversions Part 2

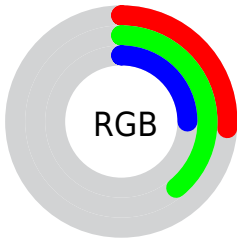
Format	Color
RYB	65, 100, 98
Decimal	4416577
CIELab	39.00, -19.77, 16.15
CIELCh	39, 25.528, 140.759
Yxy	10.6589, 0.3110, 0.4248
Android (android.graphics.Color)	4282606657 (0xFF436441)
YUV	86.1430, -10.4235, -16.7884
Hunter-Lab	32.6480, -14.4785, 10.8152

Details

The CIELCh color **39, 25.528, 140.759** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 25.608, 324.554**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.604, 140.843**, and **19, 25.354, 141.041** is the 20% darker color. If you saturate the color by 10%, you get **38, 32.589, 139.947**, and if you desaturate by 10%, it is **40, 18.274, 141.486**.

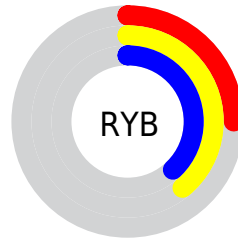
Distribution



Red (26%)

Green (39%)

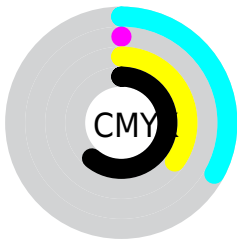
Blue (25%)



Red (25%)

Yellow (39%)

Blue (38%)

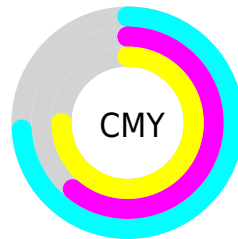


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (61%)



Cyan (74%)


Magenta (61%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.528, 140.759 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, 25.528, 140.759 by changing the saturation by 10% instead.


 39, 25.528,
140.759


 39, 25.528,
140.759

 100, 25.528,
140.759


 29, 25.528,
140.759

 59, 25.528,
140.759


 19, 25.528,
140.759


 69, 25.528,
140.759

 9, 25.528, 140.759

 79, 25.528,
140.759

 0, 25.528, 140.759

 89, 25.528,
140.759

 99, 25.528,
140.759

■ 39, 25.528,
140.759

■ 39, 25.528,
140.759

■ 38, 32.589,
139.947

■ 40, 18.274,
141.486

■ 38, 39.296,
139.064

■ 41, 10.948,
142.125

■ 37, 45.453,
138.149

■ 42, 3.643, 142.701

■ 37, 50.820,
137.273

■ 43, 3.571, 323.091

■ 37, 55.131,
136.539

■ 44, 10.646,
323.523

■ 36, 58.313,
135.943

■ 45, 17.550,
323.874

■ 36, 59.823,
135.530

■ 47, 24.264,
324.173

■ 48, 30.779,
324.428

■ 50, 37.093,
324.646

Harmonies

Complementary

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



39, 25.528, 140.759



32, 25.608, 324.554

Rectangle

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



39, 25.528, 140.759



39, 25.528, 190.759



39, 25.528, 320.759



39, 25.528, 10.759

Sweetspot

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



39, 25.529, 140.759



53, 9.930, 142.343



41, 19.557, 103.993



27, 6.728, 142.290



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 25.529, 140.759



50, 37.820, 140.099



39, 18.866, 157.261



21, 4.145, 142.478



42, 66.059, 135.600



84, 114.940, 135.843

Inverse Universe

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



32, 25.608, 324.554



40, 37.912, 324.912



32, 19.396, 343.079



20, 4.155, 323.311



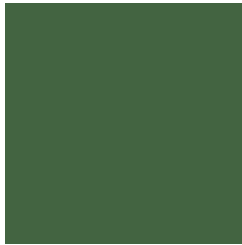
25, 64.290, 326.090



55, 111.519, 325.962

Previews

White Background



This preview shows how the CIE LCh color 39, 25.528, 140.759 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, 25.528, 140.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

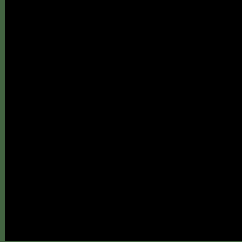
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 25.528, 140.759

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.528, 140.759.



This preview shows how white text looks on a background with the CIELCh color 39, 25.528, 140.759.

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, 25.528, 140.759

Protanopia

39, 19.028, 97.182

Deuteranopia

39, 15.530, 71.068



Tritanopia
39, 9.242, 230.774

Trichromacy



Original Color
39, 25.528, 140.759

Protanomaly
39, 20.180, 117.566

Deuteranomaly
39, 15.166, 106.010

Tritanomaly
39, 11.662, 173.022

Monochromacy



Original Color
39, 25.528, 140.759

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 9.565, 141.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.528, 140.759 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(67, 100, 65)` looks like.

```
.text, #text, p{  
    color:rgb(67, 100, 65)  
}
```

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(67, 100, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 100, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.528, 140.759 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(67, 100, 65) }
```

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

```
.border{ border-color:rgb(67, 100, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 100, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 100, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 100, 65);  
box-shadow:4px 4px 4px 4px rgb(67, 100,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.528, 140.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 100, 65) }
```

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

```
.background{ background-color: rgb(67, 100,  
65) }
```

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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