

Converting Colors

CIELCh(39, 33.617, 137.172)

Have a look what the booklet for
CIELCh(39, 33.617, 137.172)
contains.

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Color

CIELCh(39, 33.488, 137.130)

Conversions

Conversions Part 1

Format	Color
Hex	3D6535
RGB	61, 101, 53
RGB Percent	24%, 40%, 21%
CMY	0.7591, 0.6022, 0.7906
CMYK	0.39, 0.00, 0.47, 0.60
HSL	110°, 31%, 30%
HSV	110°, 47%, 40%
XYZ	7.2990, 10.6589, 5.0895
YIQ	83.5680, -8.4320, -23.4080

Conversions

Conversions Part 2

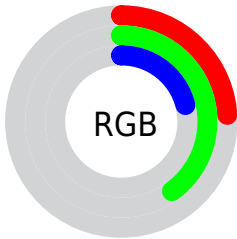
Format	Color
RYB	53, 101, 93
Decimal	4023605
CIELab	39.00, -24.54, 22.78
CIELCh	39, 33.488, 137.130
Yxy	10.6589, 0.3167, 0.4625
Android (android.graphics.Color)	4282213685 (0xFF3D6535)
YUV	83.5680, -15.0700, -19.7921
Hunter-Lab	32.6480, -17.2276, 13.6110

Details

The CIELCh color **39, 33.488, 137.130** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 33.961, 321.742**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 33.024, 137.162**, and **19, 33.809, 137.197** is the 20% darker color. If you saturate the color by 10%, you get **38, 40.038, 136.440**, and if you desaturate by 10%, it is **40, 26.602, 137.800**.

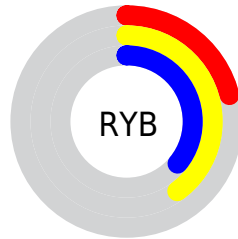
Distribution



Red (24%)

Green (40%)

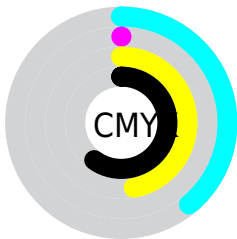
Blue (21%)



Red (21%)

Yellow (40%)

Blue (36%)

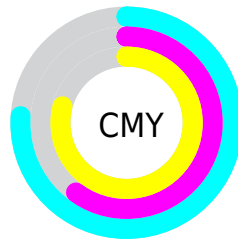


Cyan (39%)

Magenta (0%)

Yellow (47%)

Black (60%)



Cyan (76%)


Magenta (60%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 33.488, 137.130 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, 33.488, 137.130 by changing the saturation by 10% instead.


 39, 33.488,
137.130


 39, 33.488,
137.130

 100, 33.488,
137.130


 29, 33.488,
137.130

 59, 33.488,
137.130


 19, 33.488,
137.130


 69, 33.488,
137.130

 9, 33.488, 137.130

 79, 33.488,
137.130

 0, 33.488, 137.130

 89, 33.488,
137.130

 99, 33.488,
137.130

■ 39, 33.488,
137.130

■ 39, 33.488,
137.130

■ 38, 40.038,
136.440

■ 40, 26.602,
137.800

■ 38, 46.057,
135.780

■ 40, 19.524,
138.421

■ 38, 51.306,
135.231

■ 41, 12.367,
138.982

■ 37, 55.515,
134.898

■ 42, 5.215, 139.490

■ 37, 58.800,
134.645

■ 43, 1.870, 319.825

■ 37, 59.656,
134.497

■ 44, 8.845, 320.254

■ 45, 15.679,
320.583

■ 47, 22.353,
320.863

■ 48, 28.856,
321.103

Harmonies

Complementary

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



39, 33.488, 137.130



29, 33.961, 321.742

Rectangle

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



39, 33.488, 137.130



39, 33.488, 187.130



39, 33.488, 317.130



39, 33.488, 7.130

Sweetspot

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



39, 33.489, 137.131



54, 12.419, 139.136



39, 23.909, 96.210



27, 8.509, 139.055



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, 33.489, 137.131



50, 49.475, 136.350



39, 28.028, 150.913



21, 4.003, 139.412



42, 65.214, 134.636



84, 113.861, 135.147

Inverse Universe

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



29, 33.961, 321.742



35, 50.179, 322.100



30, 28.377, 338.438



20, 4.021, 320.145



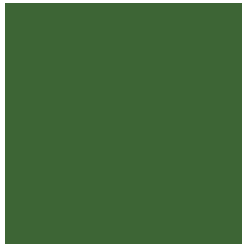
23, 64.967, 322.127



51, 112.809, 321.775

Previews

White Background



This preview shows how the CIELCh color 39, 33.488, 137.130 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, 33.488, 137.130 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, 33.488, 137.130

Background



This preview shows how black text looks on a background with the CIELCh color 39, 33.488, 137.130.



This preview shows how white text looks on a background with the CIELCh color 39, 33.488, 137.130.

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, 33.488, 137.130

Protanopia

39, 25.511, 96.291

Deuteranopia

39, 21.892, 75.114



Tritanopia
39, 10.225, 223.303

Trichromacy



Original Color
39, 33.488, 137.130

Protanomaly
39, 26.409, 114.287

Deuteranomaly
38, 21.657, 105.439

Tritanomaly
39, 14.664, 164.682

Monochromacy



Original Color
39, 33.488, 137.130

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 12.163, 138.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 33.488, 137.130 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(61, 101, 53)` looks like.

```
.text, #text, p{  
    color:rgb(61, 101, 53)  
}
```

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(61, 101, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 101, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 33.488, 137.130 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(61, 101, 53) }
```

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

```
.border{ border-color:rgb(61, 101, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 101, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 101, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 101, 53);  
box-shadow:4px 4px 4px 4px rgb(61, 101,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 33.488, 137.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 101, 53) }
```

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

```
.background{ background-color: rgb(61, 101,  
53) }
```

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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