

Converting Colors

CIELCh(34, 39.690, 139.752)

Have a look what the booklet for
CIELCh(34, 39.690, 139.752)
contains.

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Color

CIELCh(34, 39.562, 139.814)

Conversions

Conversions Part 1

Format	Color
Hex	255B25
RGB	37, 91, 37
RGB Percent	15%, 36%, 15%
CMY	0.8549, 0.6431, 0.8549
CMYK	0.59, 0.00, 0.59, 0.64
HSL	120°, 42%, 25%
HSV	120°, 59%, 36%
XYZ	4.8374, 8.0082, 3.0407
YIQ	68.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

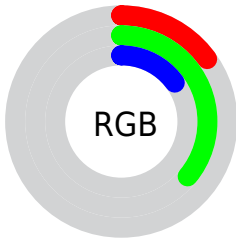
Format	Color
R_{YB}	37, 91, 91
Decimal	2448165
CIE _{Lab}	34.00, -30.22, 25.53
CIE _{LCh}	34, 39.562, 139.814
Yxy	8.0082, 0.3045, 0.5041
Android (android.graphics.Color)	4280638245 (0xFF255B25)
YUV	68.6980, -15.6271, -27.7991
Hunter-Lab	28.2988, -19.0102, 13.4384

Details

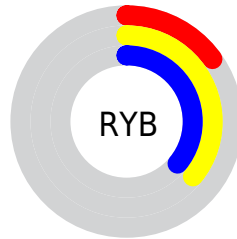
The CIELCh color **34, 39.562, 139.814** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25, 39.258, 327.244**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 39.408, 139.893**, and **14, 32.564, 140.877** is the 20% darker color. If you saturate the color by 10%, you get **34, 45.020, 138.761**, and if you desaturate by 10%, it is **35, 33.478, 140.830**.

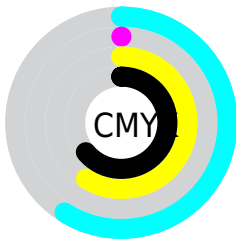
Distribution



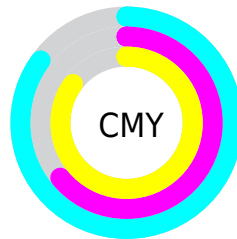
- Red (15%)
- Green (36%)
- Blue (15%)



- Red (15%)
- Yellow (36%)
- Blue (36%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (64%)





- Cyan (85%)
- Magenta (64%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 39.562, 139.814 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 34, 39.562, 139.814 by changing the saturation by 10% instead.


 34, 39.562,
139.814

 34, 39.562,
139.814

 100, 39.562,
139.814

 24, 39.562,
139.814

 54, 39.562,
139.814

 14, 39.562,
139.814

 64, 39.562,
139.814

 4, 39.562, 139.814

 74, 39.562,
139.814

 0, 39.562, 139.814

 84, 39.562,
139.814

 94, 39.562,
139.814

■ 34, 39.562,
139.814

■ 34, 39.562,
139.814

■ 34, 45.020,
138.761

■ 35, 33.478,
140.830

■ 33, 49.619,
137.752

■ 35, 26.968,
141.764

■ 33, 53.125,
136.898

■ 36, 20.199,
142.595

■ 33, 56.222,
136.076

■ 37, 13.307,
143.324

■ 33, 56.437,
136.017

■ 38, 6.397, 143.961

■ 39, 0.451, 324.151

■ 40, 7.181, 324.914

■ 41, 13.754,
325.316

■ 42, 20.146,
325.656

Harmonies

Complementary

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



34, 39.562, 139.814



25, 39.258, 327.244

Rectangle

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



34, 39.562, 139.814



34, 39.562, 189.814



34, 39.562, 319.814



34, 39.562, 9.814

Sweetspot

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



34, 39.562, 139.814



47, 15.260, 143.377



38, 31.651, 105.039



23, 10.503, 143.245



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 39.562, 139.814



43, 56.087, 138.362



34, 27.093, 157.678



18, 3.862, 143.991



40, 64.323, 136.016



82, 113.377, 136.016

Inverse Universe

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



25, 39.258, 327.244



30, 55.195, 327.702



23, 28.631, 349.782



17, 3.869, 324.865



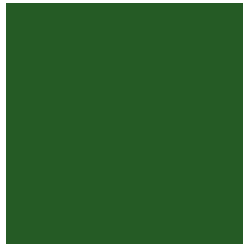
25, 62.061, 328.234



56, 109.388, 328.234

Previews

White Background



This preview shows how the CIELCh color 34, 39.562, 139.814 looks on a white background.

Color Contrast Check

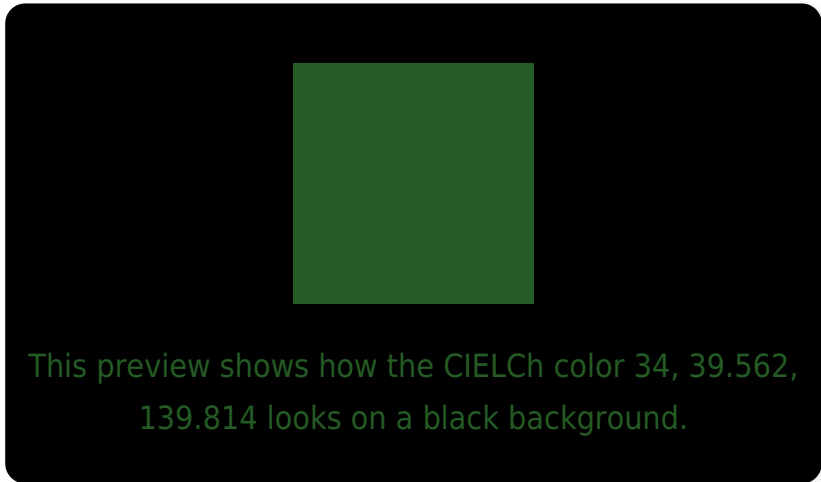
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34, 39.562, 139.814

Background



This preview shows how black text looks on a background with the CIELCh color 34, 39.562, 139.814.



This preview shows how white text looks on a background with the CIELCh color 34, 39.562, 139.814.

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

34, 39.562, 139.814

Protanopia

34, 28.144, 95.954

Deuteranopia

34, 24.582, 79.342



Tritanopia
34, 13.267, 217.326

Trichromacy



Original Color
34, 39.562, 139.814

Protanomaly
33, 30.061, 118.241

Deuteranomaly
33, 25.037, 111.414

Tritanomaly
34, 19.225, 167.422

Monochromacy



Original Color
34, 39.562, 139.814

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 15.573, 142.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 39.562, 139.814 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(37, 91, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 91, 37)  
}
```

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(37, 91, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 91, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 39.562, 139.814 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(37, 91, 37) }
```

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

```
.border{ border-color:rgb(37, 91, 37) }
```

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

Here you see how a box with a 4 pixel rgb(37, 91, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 91, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 91, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 91, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 39.562, 139.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 91, 37) }
```

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

```
.background{ background-color: rgb(37, 91,  
37) }
```

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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