

Converting Colors

CIELCh(34, 40.112, 142.740)

Have a look what the booklet for
CIELCh(34, 40.112, 142.740)
contains.

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Color

CIELCh(34, 40.515, 142.712)

Conversions

Conversions Part 1

Format	Color
Hex	1E5C27
RGB	30, 92, 39
RGB Percent	12%, 36%, 15%
CMY	0.8839, 0.6406, 0.8483
CMYK	0.68, 0.00, 0.58, 0.64
HSL	129°, 51%, 24%
HSV	129°, 68%, 36%
XYZ	4.6816, 8.0082, 3.1910
YIQ	67.4200, -19.9390, -29.6270

Conversions

Conversions Part 2

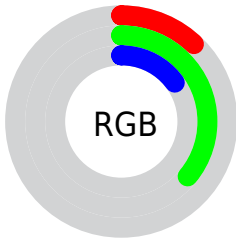
Format	Color
R_YB	30, 84, 92
Decimal	1989671
CIE _{Lab}	34.00, -32.23, 24.54
CIE _{LCh}	34, 40.515, 142.712
Yxy	8.0082, 0.2948, 0.5043
Android (android.graphics.Color)	4280179751 (0xFF1E5C27)
YUV	67.4200, -14.0111, -32.8173
Hunter-Lab	28.2988, -19.9925, 13.1236

Details

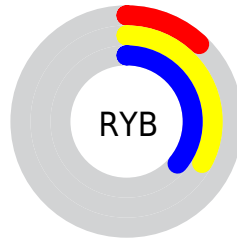
The CIELCh color $34, 40.515, 142.712$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23, 39.782, 332.610$, and the grayscale version is $29, 0.004, 296.813$.

A 20% lighter version of the original color is $54, 40.385, 143.002$, and $15, 33.177, 140.530$ is the 20% darker color. If you saturate the color by 10%, you get $34, 45.230, 141.378$, and if you desaturate by 10%, it is $34, 35.234, 143.948$.

Distribution



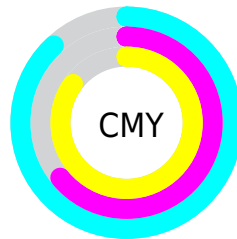
- Red (12%)
- Green (36%)
- Blue (15%)



- Red (12%)
- Yellow (33%)
- Blue (36%)



- Cyan (68%)
- Magenta (0%)
- Yellow (58%)
- Black (64%)




- Cyan (88%)
- Magenta (64%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 40.515, 142.712 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, 40.515, 142.712 by changing the saturation by 10% instead.


 34, 40.515,
142.712

 34, 40.515,
142.712


 100, 40.515,
142.712

 24, 40.515,
142.712

 54, 40.515,
142.712

 14, 40.515,
142.712

 64, 40.515,
142.712

 4, 40.515, 142.712

 74, 40.515,
142.712

 0, 40.515, 142.712

 84, 40.515,
142.712

 94, 40.515,
142.712

■ 34, 40.515,
142.712

■ 34, 40.515,
142.712

■ 34, 45.230,
141.378

■ 34, 35.234,
143.948

■ 33, 49.242,
139.996

■ 35, 29.525,
145.060

■ 33, 52.565,
138.828

■ 36, 23.517,
146.043

■ 33, 53.251,
138.638

■ 36, 17.328,
146.904

■ 37, 11.058,
147.655

■ 38, 4.787, 148.322

■ 39, 1.421, 328.730

■ 40, 7.520, 329.314

■ 41, 13.478,
329.750

Harmonies

Complementary

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



34, 40.515, 142.712



23, 39.782, 332.610

Rectangle

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



34, 40.515, 142.712



34, 40.515, 192.712



34, 40.515, 322.712



34, 40.515, 12.712

Sweetspot

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



34, 40.515, 142.712



48, 15.592, 147.445



37, 35.865, 110.941



24, 10.725, 147.307



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 40.515, 142.712



44, 57.627, 140.563



35, 26.944, 164.143



18, 3.488, 148.249



40, 60.919, 138.272



82, 109.767, 137.352

Inverse Universe

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



23, 39.782, 332.610



28, 54.988, 333.553



22, 30.689, 0.636



17, 3.497, 329.181



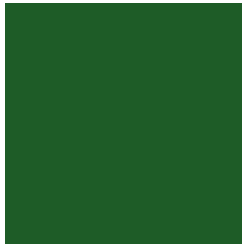
24, 55.636, 334.702



54, 97.381, 335.194

Previews

White Background



This preview shows how the CIELCh color 34, 40.515, 142.712 looks on a white background.

Color Contrast Check

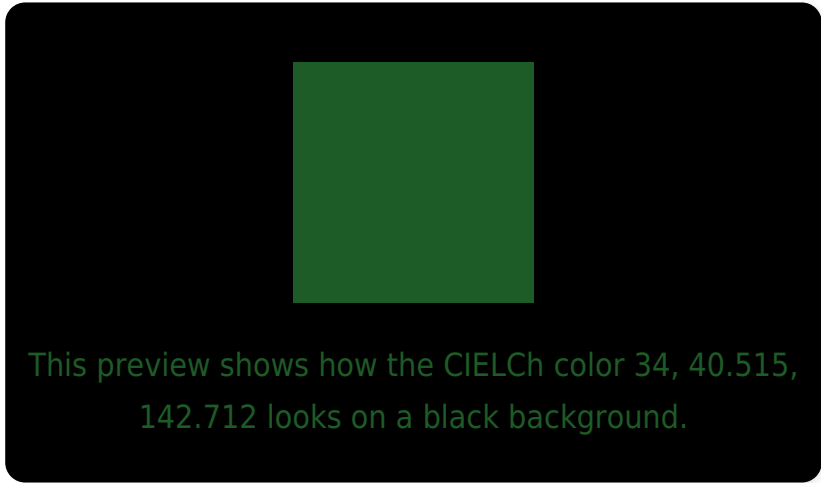
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.515, 142.712

Background



This preview shows how black text looks on a background with the CIELCh color 34, 40.515, 142.712.



This preview shows how white text looks on a background with the CIELCh color 34, 40.515, 142.712.

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, 40.515, 142.712

Protanopia

34, 27.605, 95.884

Deuteranopia

34, 23.506, 78.359



Tritanopia
34, 14.893, 214.911

Trichromacy



Original Color
34, 40.515, 142.712

Protanomaly
33, 29.926, 121.129

Deuteranomaly
33, 25.286, 115.782

Tritanomaly
34, 21.057, 169.949

Monochromacy



Original Color
34, 40.515, 142.712

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 15.885, 147.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 40.515, 142.712 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(30, 92, 39)` looks like.

```
.text, #text, p{  
    color:rgb(30, 92, 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(30, 92, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 92, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 40.515, 142.712 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(30, 92, 39) }
```

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

```
.border{ border-color:rgb(30, 92, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 92, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 92, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 92, 39);  
box-shadow:4px 4px 4px 4px rgb(30, 92, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 40.515, 142.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 92, 39) }
```

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

```
.background{ background-color: rgb(30, 92,  
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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