

Converting Colors

CIELCh(34, 52.359, 129.275)

Have a look what the booklet for
CIELCh(34, 52.359, 129.275)
contains.

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Color

CIELCh(34, 52.419, 129.240)

Conversions

Conversions Part 1

Format	Color
Hex	275C00
RGB	39, 92, 0
RGB Percent	15%, 36%, 0%
CMY	0.8488, 0.6408, 1.0000
CMYK	0.58, 0.00, 1.00, 0.64
HSL	95°, 100%, 18%
HSV	95°, 100%, 36%
XYZ	4.6111, 8.0082, 1.2912
YIQ	65.6650, -2.0560, -39.8480

Conversions

Conversions Part 2

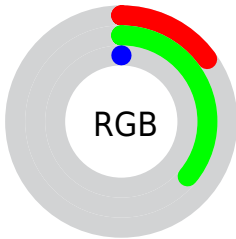
Format	Color
RYB	0, 92, 53
Decimal	2579456
CIELab	34.00, -33.16, 40.60
CIElCh	34, 52.419, 129.240
Yxy	8.0082, 0.3315, 0.5757
Android (android.graphics.Color)	4280769536 (0xFF275C00)
YUV	65.6650, -32.3728, -23.3852
Hunter-Lab	28.2988, -20.4374, 17.1039

Details

The CIELCh color $34, 52.419, 129.240$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $13, 57.734, 314.609$, and the grayscale version is $28, 0.004, 296.813$.

A 20% lighter version of the original color is $54, 52.441, 129.486$, and $15, 33.177, 140.530$ is the 20% darker color. If you saturate the color by 10%, you get $34, 52.304, 129.314$, and if you desaturate by 10%, it is $34, 48.914, 129.169$.

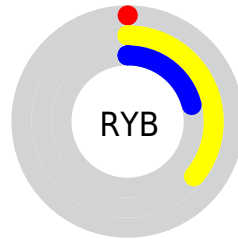
Distribution



Red (15%)

Green (36%)

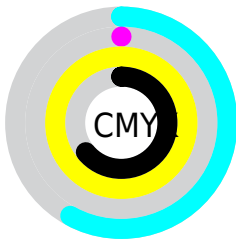
Blue (0%)



Red (0%)

Yellow (36%)

Blue (21%)

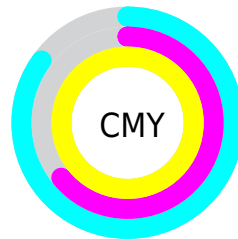


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (85%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 52.419, 129.240 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, 52.419, 129.240 by changing the saturation by 10% instead.


 34, 52.419,
129.240


 34, 52.419,
129.240


 100, 52.419,
129.240


 24, 52.419,
129.240

 54, 52.419,
129.240


 14, 52.419,
129.240


 64, 52.419,
129.240

 4, 52.419, 129.240

 74, 52.419,
129.240

 0, 52.419, 129.240

 84, 52.419,
129.240

 94, 52.419,
129.240

■ 34, 52.419,
129.240

■ 34, 52.419,
129.240

■ 34, 52.304,
129.314

■ 34, 48.914,
129.169

■ 35, 45.256,
128.925

■ 35, 40.752,
128.985

■ 35, 35.622,
129.250

■ 36, 30.065,
129.633

■ 36, 24.235,
130.072

■ 37, 18.244,
130.528

■ 38, 12.170,

130.976

■ 38, 6.073, 131.404

Harmonies

Complementary

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



34, 52.419, 129.240



13, 57.734, 314.609

Rectangle

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



34, 52.419, 129.240



34, 52.419, 179.240



34, 52.419, 309.240



34, 52.419, 359.240

Sweetspot

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



34, 52.304, 129.314



48, 22.759, 130.484



26, 38.502, 68.580



24, 15.637, 130.356



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, 52.304, 129.314



44, 63.559, 129.825



33, 55.078, 137.213



18, 3.407, 131.453



41, 59.557, 129.670



84, 106.103, 130.663

Inverse Universe

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



13, 57.734, 314.609



19, 69.968, 314.260



20, 52.102, 330.872



17, 3.442, 312.110



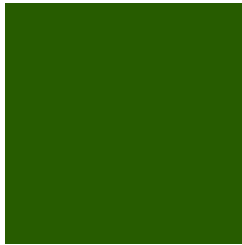
16, 65.616, 314.367



40, 116.293, 313.669

Previews

White Background



This preview shows how the CIELCh color 34, 52.419, 129.240 looks on a white background.

Color Contrast Check

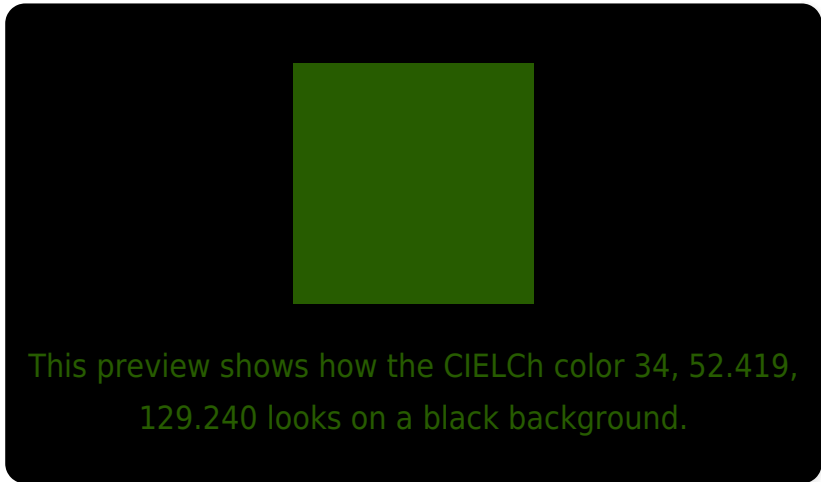
Large Text (above 18pt) WCAG AA ✓ Pass

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

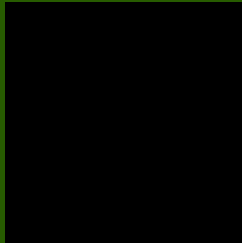
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 52.419, 129.240

Background



This preview shows how black text looks on a background with the CIELCh color 34, 52.419, 129.240.



This preview shows how white text looks on a background with the CIELCh color 34, 52.419, 129.240.

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, 52.419, 129.240

Protanopia
34, 42.142, 95.736

Deuteranopia
34, 35.883, 83.658



Tritanopia
34, 12.410, 218.831

Trichromacy



Original Color
34, 52.419, 129.240

Protanomaly
33, 43.815, 111.471

Deuteranomaly
33, 38.643, 106.522

Tritanomaly
33, 24.093, 149.977

Monochromacy



Original Color
34, 52.419, 129.240

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 23.272, 130.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 52.419, 129.240 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(39, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 92, 0)  
}
```

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(39, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 92, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 52.419, 129.240 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(39, 92, 0) }
```

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

```
.border{ border-color:rgb(39, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 92, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 92, 0); box-shadow:4px  
4px 4px 4px rgb(39, 92, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 52.419, 129.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 92, 0) }
```

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

```
.background{ background-color: rgb(39, 92,  
0) }
```

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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