

Converting Colors

CIELCh(36, 40.605, 122.469)

Have a look what the booklet for
CIELCh(36, 40.605, 122.469)
contains.

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Color

CIELCh(36, 40.609, 122.471)

Conversions

Conversions Part 1

Format	Color
Hex	425D19
RGB	66, 93, 25
RGB Percent	26%, 36%, 10%
CMY	0.7421, 0.6362, 0.9029
CMYK	0.29, 0.00, 0.73, 0.64
HSL	84°, 58%, 23%
HSV	84°, 73%, 36%
XYZ	6.2987, 9.0082, 2.3135
YIQ	77.1750, 5.7360, -26.8720

Conversions

Conversions Part 2

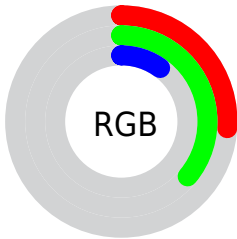
Format	Color
RYB	25, 93, 52
Decimal	4349209
CIELab	36.00, -21.80, 34.26
CIElCh	36, 40.609, 122.471
Yxy	9.0082, 0.3575, 0.5112
Android (android.graphics.Color)	4282539289 (0xFF425D19)
YUV	77.1750, -25.7223, -9.8005
Hunter-Lab	30.0136, -15.0637, 16.4392

Details

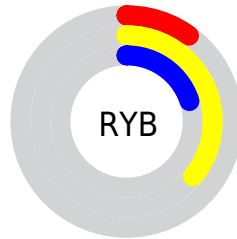
The CIELCh color **36, 40.609, 122.471** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **16, 46.478, 309.623**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 40.282, 122.578**, and **16, 30.868, 131.314** is the 20% darker color. If you saturate the color by 10%, you get **36, 44.600, 122.571**, and if you desaturate by 10%, it is **36, 35.919, 122.627**.

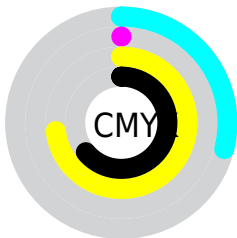
Distribution



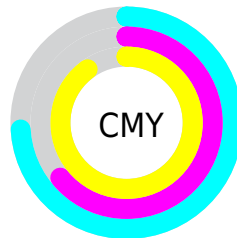
- Red (26%)
- Green (36%)
- Blue (10%)



- Red (10%)
- Yellow (36%)
- Blue (20%)



- Cyan (29%)
- Magenta (0%)
- Yellow (73%)
- Black (64%)





- Cyan (74%)
- Magenta (64%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 40.609, 122.471 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 36, 40.609, 122.471 by changing the saturation by 10% instead.


 36, 40.609,
122.471


 36, 40.609,
122.471

 100, 40.609,
122.471


 26, 40.609,
122.471

 56, 40.609,
122.471


 16, 40.609,
122.471


 66, 40.609,
122.471

 6, 40.609, 122.471

 76, 40.609,
122.471

 0, 40.609, 122.471

 86, 40.609,
122.471

 96, 40.609,
122.471

■ 36, 40.609,
122.471

■ 36, 40.609,
122.471

■ 36, 44.600,
122.571

■ 36, 35.919,
122.627

■ 35, 47.782,
122.962

■ 37, 30.740,
122.947

■ 35, 49.927,
123.134

■ 37, 25.239,
123.363

■ 38, 19.536,
123.828

■ 38, 13.715,
124.311

■ 39, 7.835, 124.792

■ 39, 1.938, 125.273

■ 40, 3.947, 305.675

Harmonies

Complementary

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



36, 40.609, 122.471



16, 46.478, 309.623

Rectangle

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



36, 40.609, 122.471



36, 40.609, 172.471



36, 40.609, 302.471



36, 40.609, 352.471

Sweetspot

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



36, 40.609, 122.472



49, 15.993, 124.341



26, 29.293, 55.991



25, 10.827, 124.260



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 40.609, 122.472



46, 56.276, 122.865



34, 46.477, 136.452



19, 3.271, 125.005



42, 56.286, 123.462



85, 100.021, 124.484

Inverse Universe

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



16, 46.478, 309.623



18, 66.668, 310.150



22, 46.515, 323.975



17, 3.319, 305.798



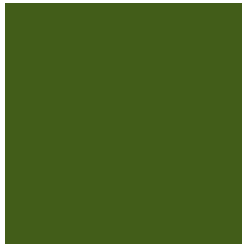
13, 68.088, 310.326



35, 120.929, 309.648

Previews

White Background



This preview shows how the CIELCh color 36, 40.609, 122.471 looks on a white background.

Color Contrast Check

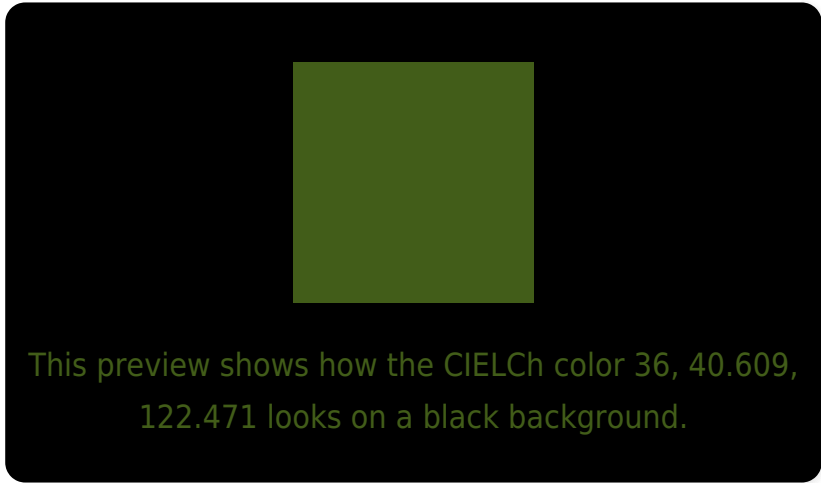
Large Text (above 18pt) WCAG AA ✓ Pass

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

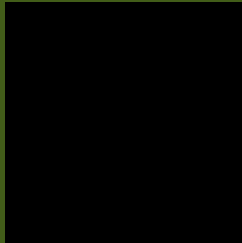
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 40.609, 122.471

Background



This preview shows how black text looks on a background with the CIELCh color 36, 40.609, 122.471.



This preview shows how white text looks on a background with the CIELCh color 36, 40.609, 122.471.

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

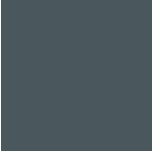
36, 40.609, 122.471

Protanopia

36, 36.009, 96.004

Deuteranopia

36, 33.069, 81.139



Tritanopia
36, 6.293, 235.300

Trichromacy



Original Color
36, 40.609, 122.471

Protanomaly
36, 36.549, 107.269

Deuteranomaly
36, 33.431, 99.321

Tritanomaly
36, 15.229, 139.332

Monochromacy



Original Color
36, 40.609, 122.471

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 16.151, 124.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 40.609, 122.471 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(66, 93, 25)` looks like.

```
.text, #text, p{  
    color:rgb(66, 93, 25)  
}
```

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(66, 93, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 93, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 40.609, 122.471 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(66, 93, 25) }
```

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

```
.border{ border-color:rgb(66, 93, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 93, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 93, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 93, 25);  
box-shadow:4px 4px 4px 4px rgb(66, 93, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 40.609, 122.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 93, 25) }
```

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

```
.background{ background-color: rgb(66, 93,  
25) }
```

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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