

Converting Colors

CIELCh(36, 43.971, 120.130)

Have a look what the booklet for
CIELCh(36, 43.971, 120.130)
contains.

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Color

CIELCh(36, 44.129, 119.939)

Conversions

Conversions Part 1

Format	Color
Hex	435D0F
RGB	67, 93, 15
RGB Percent	26%, 36%, 6%
CMY	0.7382, 0.6362, 0.9422
CMYK	0.28, 0.00, 0.84, 0.64
HSL	80°, 73%, 21%
HSV	80°, 84%, 36%
XYZ	6.2780, 9.0082, 1.8498
YIQ	76.3340, 9.5420, -29.7700

Conversions

Conversions Part 2

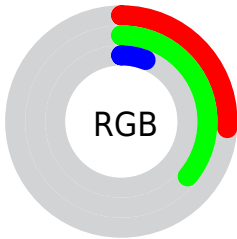
Format	Color
R_{YB}	15, 93, 41
Decimal	4414735
CIE _{Lab}	36.00, -22.02, 38.24
CIE _{LCh}	36, 44.129, 119.939
Yxy	9.0082, 0.3664, 0.5257
Android (android.graphics.Color)	4282604815 (0xFF435D0F)
YUV	76.3340, -30.2377, -8.1859
Hunter-Lab	30.0136, -15.1869, 17.3553

Details

The CIELCh color **36, 44.129, 119.939** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13, 52.890, 308.637**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 43.879, 119.719**, and **16, 31.068, 131.931** is the 20% darker color. If you saturate the color by 10%, you get **36, 47.161, 120.294**, and if you desaturate by 10%, it is **36, 40.317, 119.855**.

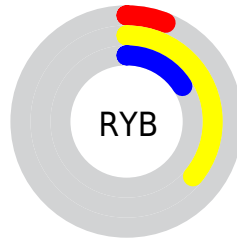
Distribution



 Red (26%)

 Green (36%)

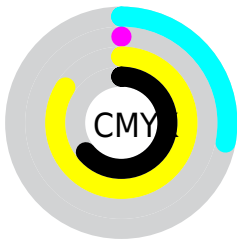
 Blue (6%)




 Red (6%)

 Yellow (36%)

 Blue (16%)

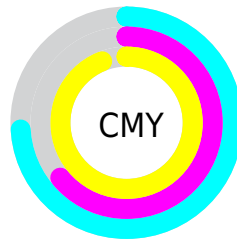


 Cyan (28%)


 Magenta (0%)

 Yellow (84%)

 Black (64%)



 Cyan (74%)


 Magenta (64%)


 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 44.129, 119.939 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, 44.129, 119.939 by changing the saturation by 10% instead.


 36, 44.129,
119.939

 36, 44.129,
119.939

 100, 44.129,
119.939


 26, 44.129,
119.939

 56, 44.129,
119.939

 16, 44.129,
119.939


 66, 44.129,
119.939

 6, 44.129, 119.939

 76, 44.129,
119.939

 0, 44.129, 119.939

 86, 44.129,
119.939

 96, 44.129,
119.939

■ 36, 44.129,
119.939

■ 36, 44.129,
119.939

■ 36, 47.161,
120.294

■ 36, 40.317,
119.855

■ 36, 48.985,
120.428

■ 37, 35.780,
120.024

■ 37, 30.734,
120.363

■ 37, 25.348,
120.804

■ 38, 19.748,
121.300

■ 38, 14.019,
121.818

■ 39, 8.220, 122.339

■ 39, 2.394, 122.856

Harmonies

Complementary

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



36, 44.129, 119.939



13, 52.890, 308.637

Rectangle

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



36, 44.129, 119.939



36, 44.129, 169.939



36, 44.129, 299.939



36, 44.129, 349.939

Sweetspot

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



36, 44.129, 119.941



49, 17.934, 121.732



23, 35.215, 49.908



25, 12.321, 121.611



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, 44.129, 119.941



46, 58.863, 120.877



34, 50.454, 134.713



19, 3.233, 122.613



42, 55.194, 120.732



86, 97.921, 121.688

Inverse Universe

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



13, 52.890, 308.637



14, 73.525, 309.157



19, 50.937, 321.888



17, 3.285, 303.493



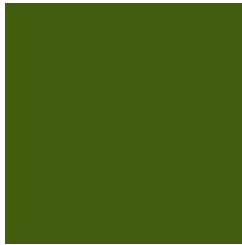
13, 68.926, 309.256



34, 122.430, 308.633

Previews

White Background



This preview shows how the CIELCh color 36, 44.129, 119.939 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



This preview shows how the CIELCh color 36, 44.129, 119.939 looks on a 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, 44.129, 119.939

Background



This preview shows how black text looks on a background with the CIELCh color 36, 44.129, 119.939.



This preview shows how white text looks on a background with the CIELCh color 36, 44.129, 119.939.

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, 44.129, 119.939

Protanopia

36, 40.187, 96.105

Deuteranopia

36, 36.710, 82.741



Tritanopia
36, 6.097, 244.702

Trichromacy



Original Color
36, 44.129, 119.939

Protanomaly
36, 40.734, 105.594

Deuteranomaly
36, 37.474, 98.391

Tritanomaly
35, 15.903, 134.486

Monochromacy



Original Color
36, 44.129, 119.939

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 17.810, 120.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 44.129, 119.939 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(67, 93, 15)` looks like.

```
.text, #text, p{  
    color:rgb(67, 93, 15)  
}
```

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(67, 93, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 93, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 44.129, 119.939 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(67, 93, 15) }
```

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

```
.border{ border-color:rgb(67, 93, 15) }
```

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

Here you see how a box with a 4 pixel rgb(67, 93, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 93, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 93, 15);  
box-shadow:4px 4px 4px 4px rgb(67, 93, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 44.129, 119.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 93, 15) }
```

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

```
.background{ background-color: rgb(67, 93,  
15) }
```

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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