

Converting Colors

CIELCh(35, 24.815, 119.398)

Have a look what the booklet for
CIELCh(35, 24.815, 119.398)
contains.

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Color

CIELCh(35, 24.852, 119.376)

Conversions

Conversions Part 1

Format	Color
Hex	4B572F
RGB	75, 87, 47
RGB Percent	29%, 34%, 18%
CMY	0.7062, 0.6592, 0.8160
CMYK	0.14, 0.00, 0.46, 0.66
HSL	78°, 30%, 26%
HSV	78°, 46%, 34%
XYZ	6.8068, 8.4984, 3.9620
YIQ	78.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

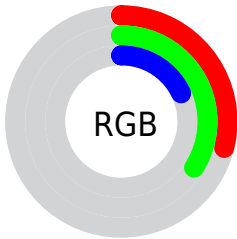
Format	Color
R_{YB}	47, 87, 59
Decimal	4937519
CIE _{Lab}	35.00, -12.19, 21.66
CIE _{LCh}	35, 24.852, 119.376
Yxy	8.4984, 0.3533, 0.4411
Android (android.graphics.Color)	4283127599 (0xFF4B572F)
YUV	78.8520, -15.7030, -3.3782
Hunter-Lab	29.1520, -9.3376, 12.3485

Details

The CIELCh color **35, 24.852, 119.376** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22, 27.190, 304.892**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 24.809, 119.192**, and **15, 25.042, 119.038** is the 20% darker color. If you saturate the color by 10%, you get **35, 29.874, 118.930**, and if you desaturate by 10%, it is **35, 19.612, 119.886**.

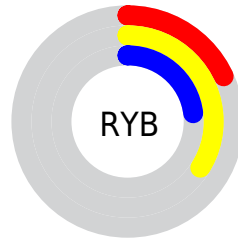
Distribution



Red (29%)

Green (34%)

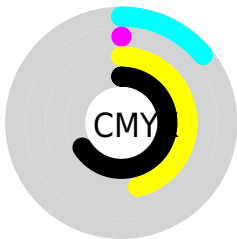
Blue (18%)



Red (18%)

Yellow (34%)

Blue (23%)

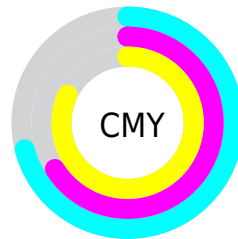


Cyan (14%)

Magenta (0%)

Yellow (46%)

Black (66%)



Cyan (71%)


Magenta (66%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 24.852, 119.376 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 35, 24.852, 119.376 by changing the saturation by 10% instead.


 35, 24.852,
119.376


 35, 24.852,
119.376

 100, 24.852,
119.376


 25, 24.852,
119.376

 55, 24.852,
119.376


 15, 24.852,
119.376


 65, 24.852,
119.376

 5, 24.852, 119.376

 75, 24.852,
119.376

 0, 24.852, 119.376

 85, 24.852,
119.376

 95, 24.852,
119.376

■ 35, 24.852,
119.376

■ 35, 24.852,
119.376

■ 35, 29.874,
118.930

■ 35, 19.612,
119.886

■ 34, 34.554,
118.589

■ 36, 14.237,
120.423

■ 34, 38.728,
118.422

■ 36, 8.786, 120.965

■ 34, 42.191,
118.510

■ 37, 3.300, 121.501

■ 37, 2.191, 301.994

■ 34, 45.111,
118.761

■ 38, 7.668, 302.491

■ 34, 46.351,
118.797

■ 38, 13.114,
302.953

■ 39, 18.518,
303.385

■ 39, 23.870,

Harmonies

Complementary

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



35, 24.852, 119.376



22, 27.190, 304.892

Rectangle

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



35, 24.852, 119.376



35, 24.852, 169.376



35, 24.852, 299.376



35, 24.852, 349.376

Sweetspot

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



35, 24.853, 119.378



47, 9.482, 121.049



28, 16.338, 49.281



23, 6.474, 120.977



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 24.853, 119.378



45, 36.167, 118.899



34, 28.412, 136.424



17, 3.064, 121.354



41, 53.748, 119.168



86, 96.100, 120.102

Inverse Universe

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



22, 27.190, 304.892



26, 40.635, 305.801



25, 28.920, 320.646



16, 3.115, 302.273



12, 68.169, 308.797



32, 122.136, 308.192

Previews

White Background



This preview shows how the CIELCh color 35, 24.852, 119.376 looks on a white background.

Color Contrast Check

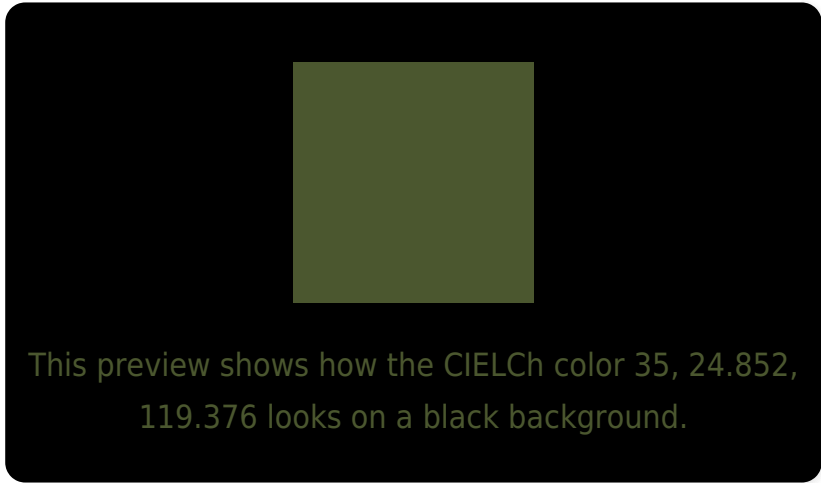
Large Text (above 18pt) WCAG AA ✓ Pass

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

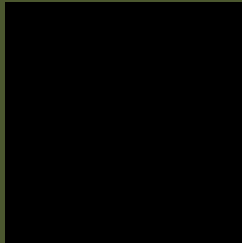
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 24.852, 119.376

Background



This preview shows how black text looks on a background with the CIELCh color 35, 24.852, 119.376.



This preview shows how white text looks on a background with the CIELCh color 35, 24.852, 119.376.

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

35, 24.852, 119.376

Protanopia

35, 22.958, 96.347

Deuteranopia

35, 21.250, 76.127



Tritanopia
35, 4.434, 280.187

Trichromacy



Original Color
35, 24.852, 119.376

Protanomaly
35, 23.094, 105.008

Deuteranomaly
35, 20.907, 93.039

Tritanomaly
35, 6.770, 132.034

Monochromacy



Original Color
35, 24.852, 119.376

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 9.510, 119.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 24.852, 119.376 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(75, 87, 47)` looks like.

```
.text, #text, p{  
    color:rgb(75, 87, 47)  
}
```

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(75, 87, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 87, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 24.852, 119.376 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(75, 87, 47) }
```

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

```
.border{ border-color:rgb(75, 87, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 87, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 87, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 87, 47);  
box-shadow:4px 4px 4px 4px rgb(75, 87, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 24.852, 119.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 87, 47) }
```

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

```
.background{ background-color: rgb(75, 87,  
47) }
```

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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