

Converting Colors

CIELCh(34, 29.833, 108.851)

Have a look what the booklet for
CIELCh(34, 29.833, 108.851)
contains.

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Color

CIELCh(34, 29.833, 108.851)

Conversions

Conversions Part 1

Format	Color
Hex	4F5321
RGB	79, 83, 33
RGB Percent	31%, 33%, 13%
CMY	0.6892, 0.6735, 0.8697
CMYK	0.05, 0.00, 0.60, 0.67
HSL	65°, 43%, 23%
HSV	65°, 60%, 33%
XYZ	6.6353, 8.0082, 2.6520
YIQ	76.1040, 13.6660, -16.3980

Conversions

Conversions Part 2

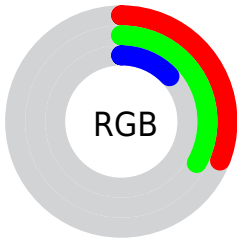
Format	Color
RYB	33, 83, 37
Decimal	5198625
CIELab	34.00, -9.64, 28.23
CIELCh	34, 29.833, 108.851
Yxy	8.0082, 0.3836, 0.4630
Android (android.graphics.Color)	4283388705 (0xFF4F5321)
YUV	76.1040, -21.2503, 2.5398
Hunter-Lab	28.2988, -7.6698, 14.2529

Details

The CIELCh color **34, 29.833, 108.851** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **16, 34.803, 300.332**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 29.838, 108.170**, and **14, 21.969, 113.076** is the 20% darker color. If you saturate the color by 10%, you get **34, 33.991, 108.287**, and if you desaturate by 10%, it is **34, 25.275, 109.517**.

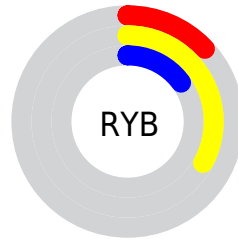
Distribution



 Red (31%)

 Green (33%)

 Blue (13%)



 Red (13%)

 Yellow (33%)

 Blue (15%)

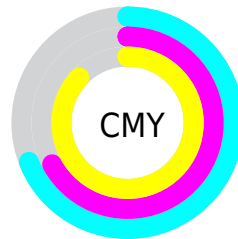



 Cyan (5%)


 Magenta (0%)

 Yellow (60%)

 Black (67%)



 Cyan (69%)


 Magenta (67%)


 Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 29.833, 108.851 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, 29.833, 108.851 by changing the saturation by 10% instead.


 34, 29.833,
108.851


 34, 29.833,
108.851

 100, 29.833,
108.851


 24, 29.833,
108.851

 54, 29.833,
108.851


 14, 29.833,
108.851


 64, 29.833,
108.851

 4, 29.833, 108.851

 74, 29.833,
108.851

 0, 29.833, 108.851

 84, 29.833,
108.851

 94, 29.833,
108.851

■ 34, 29.833,
108.851

■ 34, 29.833,
108.851

■ 34, 33.991,
108.287

■ 34, 25.275,
109.517

■ 34, 37.568,
107.861

■ 34, 20.453,
110.241

■ 34, 40.385,
107.617

■ 35, 15.462,
111.001

■ 34, 43.118,
107.371

■ 35, 10.369,
111.775

■ 35, 5.216, 112.547

■ 35, 0.035, 112.803

■ 36, 5.154, 294.060

■ 36, 10.336,
294.776

■ 36, 15.500,
295.464

Harmonies

Complementary

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



34, 29.833, 108.851



16, 34.803, 300.332

Rectangle

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



34, 29.833, 108.851



34, 29.833, 158.851



34, 29.833, 288.851



34, 29.833, 338.851

Sweetspot

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



34, 29.834, 108.853



45, 11.451, 111.890



21, 24.772, 30.273



22, 7.860, 111.752



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



34, 29.834, 108.853



43, 42.447, 108.083



32, 32.870, 128.867



16, 2.845, 112.653



42, 50.532, 107.506



88, 90.672, 107.824

Inverse Universe

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



16, 34.803, 300.332



17, 52.225, 302.674



19, 35.153, 313.865



15, 2.900, 294.022



10, 68.969, 306.748



29, 124.200, 306.485

Previews

White Background



This preview shows how the CIELCh color 34, 29.833, 108.851 looks on a white background.

Color Contrast Check

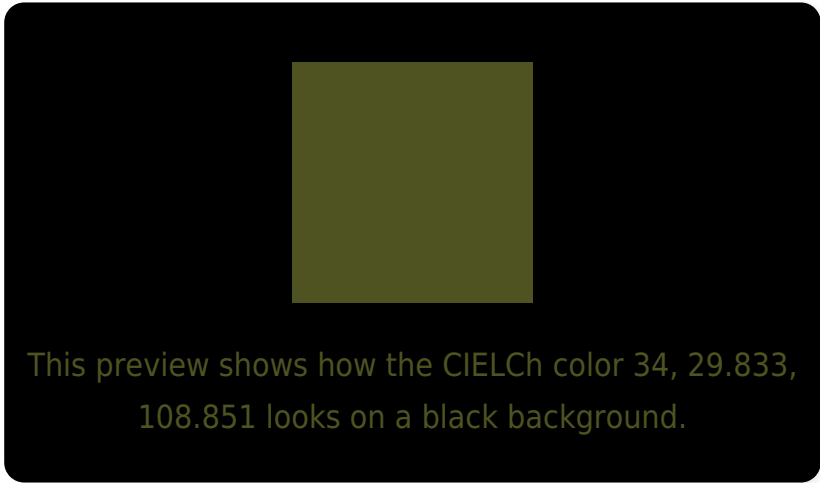
Large Text (above 18pt) WCAG AA ✓ Pass

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

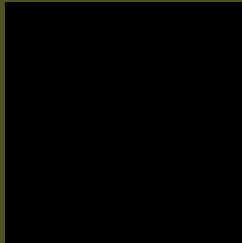
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 29.833, 108.851

Background



This preview shows how black text looks on a background with the CIELCh color 34, 29.833, 108.851.



This preview shows how white text looks on a background with the CIELCh color 34, 29.833, 108.851.

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, 29.833, 108.851

Protanopia

34, 29.207, 96.076

Deuteranopia

34, 28.015, 80.761



Tritanopia
34, 4.579, 324.769

Trichromacy



Original Color
34, 29.833, 108.851

Protanomaly
34, 29.375, 101.088

Deuteranomaly
34, 28.103, 91.724

Tritanomaly
34, 8.774, 102.647

Monochromacy



Original Color
34, 29.833, 108.851

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 11.893, 112.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 29.833, 108.851 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(79, 83, 33)` looks like.

```
.text, #text, p{  
    color:rgb(79, 83, 33)  
}
```

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(79, 83, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 83, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 29.833, 108.851 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(79, 83, 33) }
```

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

```
.border{ border-color:rgb(79, 83, 33) }
```

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

Here you see how a box with a 4 pixel rgb(79, 83, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 83, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 83, 33);  
box-shadow:4px 4px 4px 4px rgb(79, 83, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 29.833, 108.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 83, 33) }
```

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

```
.background{ background-color: rgb(79, 83,  
33) }
```

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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