

Converting Colors

CIELCh(34, 36.876, 111.537)

Have a look what the booklet for
CIELCh(34, 36.876, 111.537)
contains.

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Color

CIELCh(34, 36.818, 111.794)

Conversions

Conversions Part 1

Format	Color
Hex	4B5515
RGB	75, 85, 21
RGB Percent	29%, 33%, 8%
CMY	0.7067, 0.6674, 0.9184
CMYK	0.12, 0.00, 0.75, 0.67
HSL	69°, 61%, 21%
HSV	69°, 75%, 33%
XYZ	6.2532, 8.0082, 1.9160
YIQ	74.7140, 14.5840, -22.0240

Conversions

Conversions Part 2

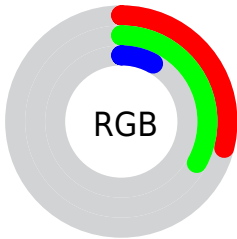
Format	Color
R_{YB}	21, 85, 31
Decimal	4936981
CIE _{Lab}	34.00, -13.67, 34.19
CIE _{LCh}	34, 36.818, 111.794
Yxy	8.0082, 0.3865, 0.4950
Android (android.graphics.Color)	4283127061 (0xFF4B5515)
YUV	74.7140, -26.4810, 0.2508
Hunter-Lab	28.2988, -10.0798, 15.7949

Details

The CIELCh color **34, 36.818, 111.794** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12, 44.985, 304.269**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 36.815, 111.983**, and **14, 24.066, 121.394** is the 20% darker color. If you saturate the color by 10%, you get **34, 40.089, 111.634**, and if you desaturate by 10%, it is **34, 32.849, 112.160**.

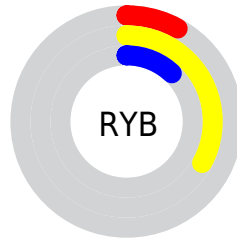
Distribution



 Red (29%)

 Green (33%)

 Blue (8%)



 Red (8%)

 Yellow (33%)

 Blue (12%)

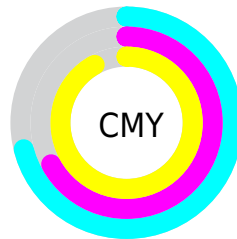


 Cyan (12%)

 Magenta (0%)

 Yellow (75%)

 Black (67%)



 Cyan (71%)


 Magenta (67%)


 Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 36.818, 111.794 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, 36.818, 111.794 by changing the saturation by 10% instead.


 34, 36.818,
111.794

 34, 36.818,
111.794

 100, 36.818,
111.794


 24, 36.818,
111.794

 54, 36.818,
111.794

 14, 36.818,
111.794


 64, 36.818,
111.794

 4, 36.818, 111.794

 74, 36.818,
111.794

 0, 36.818, 111.794

 84, 36.818,
111.794

 94, 36.818,
111.794

■ 34, 36.818,
111.794

■ 34, 36.818,
111.794

■ 34, 40.089,
111.634

■ 34, 32.849,
112.160

■ 34, 42.802,
111.620

■ 34, 28.381,
112.664

■ 34, 44.119,
111.569

■ 35, 23.579,
113.260

■ 35, 18.559,
113.910

■ 35, 13.404,
114.585

■ 36, 8.168, 115.268

■ 36, 2.890, 115.942

■ 36, 2.403, 296.603

Harmonies

Complementary

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



34, 36.818, 111.794



12, 44.985, 304.269

Rectangle

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



34, 36.818, 111.794



34, 36.818, 161.794



34, 36.818, 291.794



34, 36.818, 341.794

Sweetspot

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



34, 36.818, 111.796



45, 14.973, 114.702



20, 31.247, 38.014



23, 10.436, 114.542



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 36.818, 111.796



43, 50.465, 111.704



32, 41.577, 131.028



17, 3.011, 115.719



42, 51.955, 111.822



88, 92.537, 112.395

Inverse Universe

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



12, 44.985, 304.269



13, 65.672, 306.248



17, 44.051, 316.734



16, 3.068, 296.923



10, 69.633, 307.237



30, 124.514, 306.847

Previews

White Background



This preview shows how the CIELCh color 34, 36.818, 111.794 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 CIE LCh color 34, 36.818, 111.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

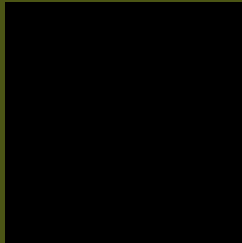
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 36.818, 111.794

Background



This preview shows how black text looks on a background with the CIELCh color 34, 36.818, 111.794.



This preview shows how white text looks on a background with the CIELCh color 34, 36.818, 111.794.

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, 36.818, 111.794

Protanopia

34, 35.084, 95.603

Deuteranopia

34, 33.224, 82.591



Tritanopia
34, 3.874, 303.395

Trichromacy



Original Color
34, 36.818, 111.794

Protanomaly
34, 35.553, 102.356

Deuteranomaly
34, 33.495, 93.675

Tritanomaly
34, 11.844, 112.593

Monochromacy



Original Color
34, 36.818, 111.794

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 15.054, 114.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 36.818, 111.794 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, 85, 21)` looks like.

```
.text, #text, p{  
    color:rgb(75, 85, 21)  
}
```

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, 85, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 85, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 36.818, 111.794 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, 85, 21) }
```

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

```
.border{ border-color:rgb(75, 85, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 85, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 85, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 85, 21);  
box-shadow:4px 4px 4px 4px rgb(75, 85, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 36.818, 111.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 85, 21) }
```

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

```
.background{ background-color: rgb(75, 85,  
21) }
```

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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