

Converting Colors

CIELCh(34, 15.522, 114.363)

Have a look what the booklet for
CIELCh(34, 15.522, 114.363)
contains.

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Color

CIELCh(34, 15.569, 114.408)

Conversions

Conversions Part 1

Format	Color
Hex	4E5239
RGB	78, 82, 57
RGB Percent	31%, 32%, 22%
CMY	0.6930, 0.6773, 0.7754
CMYK	0.05, 0.00, 0.30, 0.68
HSL	70°, 18%, 27%
HSV	70°, 30%, 32%
XYZ	6.9501, 8.0082, 5.0863
YIQ	77.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

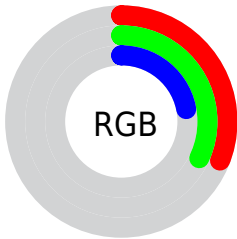
Format	Color
R_{YB}	57, 82, 61
Decimal	5132857
CIE Lab	34.00, -6.43, 14.18
CIE LCh	34, 15.569, 114.408
Yxy	8.0082, 0.3467, 0.3995
Android (android.graphics.Color)	4283322937 (0xFF4E5239)
YUV	77.9540, -10.3303, 0.0403
Hunter-Lab	28.2988, -5.6841, 9.1527

Details

The CIELCh color $[34, 15.569, 114.408]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[25, 16.585, 298.894]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 15.528, 114.502]$, and $[14, 15.455, 114.408]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 20.545, 113.752]$, and if you desaturate by 10%, it is $[34, 10.494, 115.085]$.

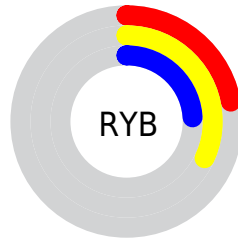
Distribution



 Red (31%)

 Green (32%)

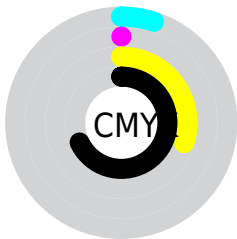
 Blue (22%)



 Red (22%)

 Yellow (32%)

 Blue (24%)

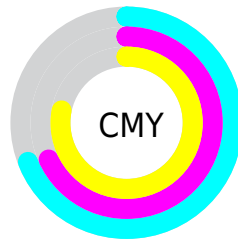


 Cyan (5%)

 Magenta (0%)

 Yellow (30%)

 Black (68%)



 Cyan (69%)


 Magenta (68%)


 Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 15.569, 114.408 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, 15.569, 114.408 by changing the saturation by 10% instead.


 34, 15.569,
114.408


 34, 15.569,
114.408

 100, 15.569,
114.408


 24, 15.569,
114.408

 54, 15.569,
114.408


 14, 15.569,
114.408


 64, 15.569,
114.408

 4, 15.569, 114.408

 74, 15.569,
114.408

 0, 15.569, 114.408

 84, 15.569,
114.408

 94, 15.569,
114.408

■ 34, 15.569,
114.408

■ 34, 15.569,
114.408

■ 34, 20.545,
113.752

■ 34, 10.494,
115.085

■ 33, 25.355,
113.131

■ 35, 5.361, 115.758

■ 33, 29.905,
112.579

■ 35, 0.201, 116.409

■ 35, 4.964, 297.059

■ 33, 34.061,
112.140

■ 36, 10.118,
297.674

■ 33, 37.648,
111.869

■ 36, 15.250,
298.260

■ 33, 40.504,
111.814

■ 37, 20.352,
298.815

■ 33, 43.237,
111.722

■ 37, 25.416,
299.340

■ 38, 30.437,
299.832

Harmonies

Complementary

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



34, 15.569, 114.408



25, 16.585, 298.894

Rectangle

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



34, 15.569, 114.408



34, 15.569, 164.408



34, 15.569, 294.408



34, 15.569, 344.408

Sweetspot

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



34, 15.570, 114.411



45, 5.768, 115.830



28, 10.512, 34.268



22, 3.961, 115.771



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, 15.570, 114.411



44, 22.819, 113.956



33, 17.258, 132.860



16, 2.861, 115.870



41, 51.107, 111.993



87, 91.842, 112.596

Inverse Universe

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



25, 16.585, 298.894



31, 24.718, 299.592



27, 17.695, 315.319



15, 2.914, 297.047



10, 68.410, 307.284



30, 123.442, 306.873

Previews

White Background



This preview shows how the CIELCh color 34, 15.569, 114.408 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 34, 15.569, 114.408 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

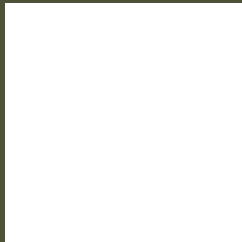
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 15.569, 114.408

Background



This preview shows how black text looks on a background with the CIELCh color 34, 15.569, 114.408.



This preview shows how white text looks on a background with the CIELCh color 34, 15.569, 114.408.

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, 15.569, 114.408

Protanopia

34, 15.171, 96.658

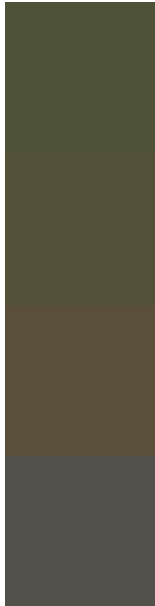
Deuteranopia

34, 14.823, 72.292



Tritanopia
34, 3.991, 309.337

Trichromacy



Original Color
34, 15.569, 114.408

Protanomaly
34, 15.497, 103.954

Deuteranomaly
34, 13.951, 87.855

Tritanomaly
34, 3.149, 101.574

Monochromacy



Original Color
34, 15.569, 114.408

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 6.318, 117.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 15.569, 114.408 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(78, 82, 57)` looks like.

```
.text, #text, p{  
    color:rgb(78, 82, 57)  
}
```

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(78, 82, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 82, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 15.569, 114.408 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(78, 82, 57) }
```

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

```
.border{ border-color:rgb(78, 82, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 82, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 82, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 82, 57);  
box-shadow:4px 4px 4px 4px rgb(78, 82, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 15.569, 114.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 82, 57) }
```

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

```
.background{ background-color: rgb(78, 82,  
57) }
```

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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