

Converting Colors

CIELCh(34, 14.067, 129.426)

Have a look what the booklet for
CIELCh(34, 14.067, 129.426)
contains.

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Color

CIELCh(34, 14.701, 129.566)

Conversions

Conversions Part 1

Format	Color
Hex	48543E
RGB	72, 84, 62
RGB Percent	28%, 33%, 24%
CMY	0.7187, 0.6717, 0.7579
CMYK	0.14, 0.00, 0.26, 0.67
HSL	93°, 15%, 29%
HSV	93°, 26%, 33%
XYZ	6.6619, 8.0082, 5.7130
YIQ	77.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

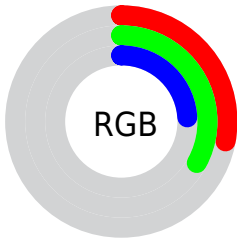
Format	Color
RYB	62, 84, 74
Decimal	4740158
CIELab	34.00, -9.36, 11.33
CIELCh	34, 14.701, 129.566
Yxy	8.0082, 0.3268, 0.3929
Android (android.graphics.Color)	4282930238 (0xFF48543E)
YUV	77.9040, -7.8407, -5.1778
Hunter-Lab	28.2988, -7.5017, 7.8396

Details

The CIELCh color $[34, 14.701, 129.566]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[28, 15.142, 311.732]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 14.757, 129.753]$, and $[14, 14.408, 130.024]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 20.247, 129.123]$, and if you desaturate by 10%, it is $[35, 9.104, 130.003]$.

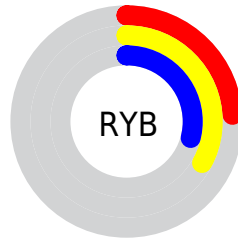
Distribution



Red (28%)

Green (33%)

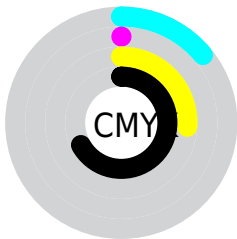
Blue (24%)



Red (24%)

Yellow (33%)

Blue (29%)

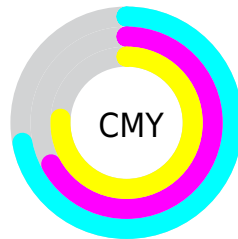


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 14.701, 129.566 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, 14.701, 129.566 by changing the saturation by 10% instead.

 34, 14.701,
129.566

 34, 14.701,
129.566

 100, 14.701,
129.566

 24, 14.701,
129.566

 54, 14.701,
129.566

 14, 14.701,
129.566

 64, 14.701,
129.566

 4, 14.701, 129.566

 74, 14.701,
129.566

 0, 14.701, 129.566

 84, 14.701,
129.566

 94, 14.701,
129.566

■ 34, 14.701,
129.566

■ 34, 14.701,
129.566

■ 33, 20.247,
129.123

■ 35, 9.104, 130.003

■ 33, 25.677,
128.687

■ 35, 3.497, 130.424

■ 33, 30.906,
128.292

■ 36, 2.086, 310.749

■ 32, 35.813,
127.989

■ 37, 13.092,
311.441

■ 32, 40.240,
127.850

■ 38, 18.485,
311.728

■ 31, 43.990,
127.969

■ 39, 23.792,
311.984

■ 31, 47.277,
128.167

■ 40, 29.008,
312.212

■ 31, 48.574,

■ 41, 34.130,

128.136

312.415

Harmonies

Complementary

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



34, 14.701, 129.566



28, 15.142, 311.732

Rectangle

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



34, 14.701, 129.566



34, 14.701, 179.566



34, 14.701, 309.566



34, 14.701, 359.566

Sweetspot

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



34, 14.702, 129.568



46, 5.585, 130.339



32, 8.864, 75.879



23, 4.002, 130.295



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, 14.702, 129.568



44, 22.350, 129.263



33, 16.501, 143.738



16, 3.057, 130.322



39, 56.963, 128.613



82, 103.304, 129.705

Inverse Universe

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



28, 15.142, 311.732



35, 23.210, 312.043



29, 16.511, 326.667



15, 3.091, 310.970



15, 63.839, 313.579



38, 115.222, 312.820

Previews

White Background



This preview shows how the CIE LCh color 34, 14.701, 129.566 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, 14.701, 129.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

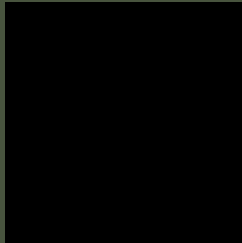
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

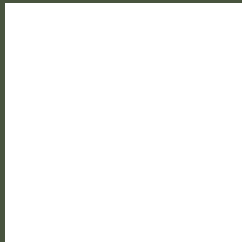
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 14.701, 129.566

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.701, 129.566.



This preview shows how white text looks on a background with the CIELCh color 34, 14.701, 129.566.

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, 14.701, 129.566

Protanopia

34, 12.660, 97.270

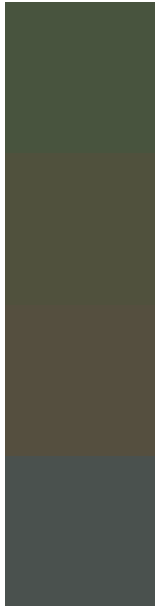
Deuteranopia

34, 11.649, 68.182



Tritanopia
34, 4.807, 265.644

Trichromacy



Original Color

34, 14.701, 129.566

Protanomaly

34, 12.427, 110.152

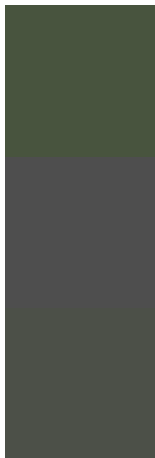
Deuteranomaly

34, 10.374, 92.760

Tritanomaly

34, 3.562, 167.066

Monochromacy



Original Color

34, 14.701, 129.566

Achromatopsia

33, 0.005, 296.813

Achromatomaly

33, 5.325, 128.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.701, 129.566 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(72, 84, 62)` looks like.

```
.text, #text, p{  
    color:rgb(72, 84, 62)  
}
```

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(72, 84, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 84, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.701, 129.566 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(72, 84, 62) }
```

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

```
.border{ border-color:rgb(72, 84, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 84, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 84, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 84, 62);  
box-shadow:4px 4px 4px 4px rgb(72, 84, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.701, 129.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 84, 62) }
```

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

```
.background{ background-color: rgb(72, 84,  
62) }
```

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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