

Converting Colors

CIELCh(34, 11.440, 83.687)

Have a look what the booklet for
CIELCh(34, 11.440, 83.687) contains.

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Color

CIELCh(34, 11.628, 84.415)

Conversions

Conversions Part 1

Format	Color
Hex	594F3E
RGB	89, 79, 62
RGB Percent	35%, 31%, 24%
CMY	0.6521, 0.6912, 0.7579
CMYK	0.00, 0.11, 0.30, 0.65
HSL	38°, 18%, 30%
HSV	38°, 30%, 35%
XYZ	7.7321, 8.0082, 5.6582
YIQ	80.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

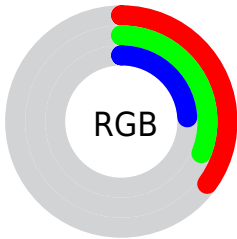
Format	Color
R_YB	78, 89, 62
Decimal	5852990
CIE Lab	34.00, 1.13, 11.57
CIE LCh	34, 11.628, 84.415
Yxy	8.0082, 0.3613, 0.3742
Android (android.graphics.Color)	4284043070 (0xFF594F3E)
YUV	80.0520, -8.8996, 7.8474
Hunter-Lab	28.2988, -0.7512, 7.9543




Details

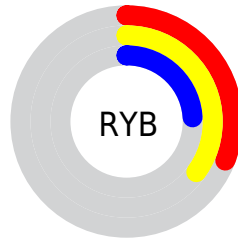
The CIELCh color **34, 11.628, 84.415** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **30, 11.401, 272.394**, and the grayscale version is **34, 0.005, 296.813**.




A 20% lighter version of the original color is **54, 11.336, 84.662**, and **14, 11.513, 84.267** is the 20% darker color. If you saturate the color by 10%, you get **33, 15.625, 83.163**, and if you desaturate by 10%, it is **35, 7.712, 85.645**.

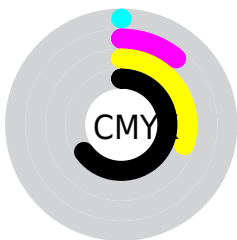
Distribution







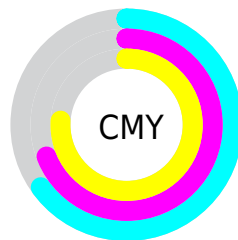
-  Red (35%)
-  Green (31%)
-  Blue (24%)






-  Red (31%)
-  Yellow (35%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (11%)
-  Yellow (30%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (69%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 11.628, 84.415 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, 11.628, 84.415 by changing the saturation by 10% instead.

■ 34, 11.628, 84.415

■ 34, 11.628, 84.415

■ 100, 11.628,
84.415

■ 24, 11.628, 84.415

■ 54, 11.628, 84.415

■ 14, 11.628, 84.415

■ 64, 11.628, 84.415

■ 4, 11.628, 84.415

■ 74, 11.628, 84.415

■ 0, 11.628, 84.415

■ 84, 11.628, 84.415

■ 94, 11.628, 84.415

■ 34, 11.628, 84.415

■ 34, 11.628, 84.415

■ 33, 15.625, 83.163

■ 35, 7.712, 85.645

■ 32, 19.679, 81.868

■ 36, 3.884, 86.821

■ 31, 23.741, 80.532

■ 38, 0.147, 87.006

■ 30, 27.718, 79.131

■ 39, 3.503, 269.177

■ 28, 31.445, 77.620

■ 40, 7.072, 270.231

■ 27, 34.675, 75.919

■ 41, 10.565,
271.254

■ 27, 37.662, 74.419

■ 43, 13.988,
272.236

■ 44, 17.348,
273.174

■ 45, 20.650,
274.068

Harmonies

Complementary

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



34, 11.628, 84.415



30, 11.401, 272.394

Rectangle

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



34, 11.628, 84.415



34, 11.628, 134.415



34, 11.628, 264.415



34, 11.628, 314.415

Sweetspot

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



34, 11.628, 84.422



47, 4.145, 86.949



29, 13.716, 353.340



24, 2.907, 86.836



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 11.628, 84.422



43, 17.148, 83.577



37, 16.512, 112.541



17, 2.044, 87.009



32, 43.569, 73.865



69, 77.527, 71.642

Inverse Universe

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



30, 11.401, 272.394



37, 16.740, 273.636



27, 17.631, 297.465



16, 2.038, 269.164



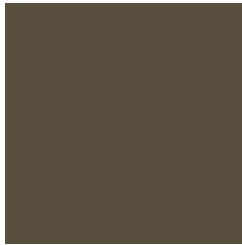
18, 46.084, 292.357



42, 87.839, 295.003

Previews

White Background



This preview shows how the CIELCh color 34, 11.628, 84.415 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, 11.628, 84.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

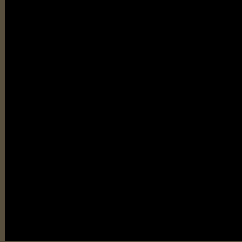
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

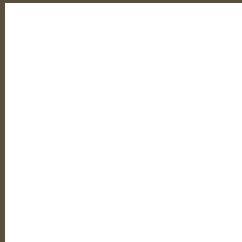
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 11.628, 84.415

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.628, 84.415.

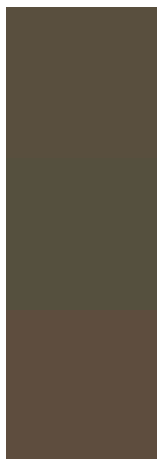


This preview shows how white text looks on a background with the CIELCh color 34, 11.628, 84.415.

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, 11.628, 84.415

Protanopia

34, 11.446, 96.420

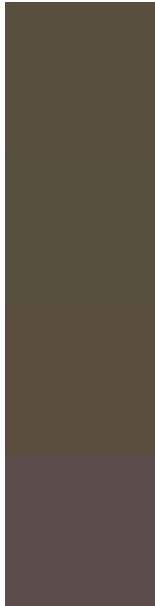
Deuteranopia

34, 12.468, 68.204



Tritanopia
34, 7.541, 350.813

Trichromacy



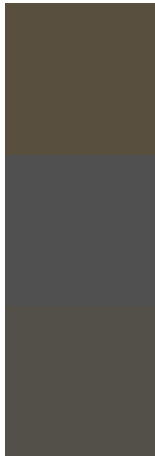
Original Color
34, 11.628, 84.415

Protanomaly
34, 11.554, 94.131

Deuteranomaly
34, 12.053, 75.075

Tritanomaly
34, 5.968, 32.242

Monochromacy



Original Color
34, 11.628, 84.415

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.563, 92.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 11.628, 84.415 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(89, 79, 62)` looks like.

```
.text, #text, p{  
    color:rgb(89, 79, 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(89, 79, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 79, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.628, 84.415 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(89, 79, 62) }
```

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

```
.border{ border-color:rgb(89, 79, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 79, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 79, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 79, 62);  
box-shadow:4px 4px 4px 4px rgb(89, 79, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.628, 84.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 79, 62) }
```

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

```
.background{ background-color: rgb(89, 79,  
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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