

Converting Colors

CIELCh(34, 1.578, 46.676)

Have a look what the booklet for
CIELCh(34, 1.578, 46.676) contains.

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Color

CIELCh(34, 1.852, 39.211)

Conversions

Conversions Part 1

Format	Color
Hex	534F4E
RGB	83, 79, 78
RGB Percent	33%, 31%, 31%
CMY	0.6740, 0.6897, 0.6936
CMYK	0.00, 0.05, 0.06, 0.67
HSL	12°, 3%, 32%
HSV	12°, 6%, 33%
XYZ	7.7646, 8.0082, 8.3691
YIQ	80.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

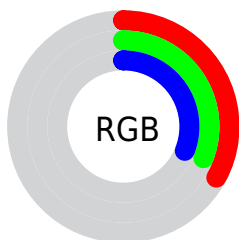
Format	Color
RYB	83, 79, 78
Decimal	5459790
CIELab	34.00, 1.43, 1.17
CIELCh	34, 1.852, 39.211
Yxy	8.0082, 0.3216, 0.3317
Android (android.graphics.Color)	4283649870 (0xFF534F4E)
YUV	80.0820, -1.0264, 2.5591
Hunter-Lab	28.2988, -0.5460, 2.2747

Details

The CIELCh color **34, 1.852, 39.211** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 1.792, 219.816**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 1.693, 39.166**, and **14, 1.657, 44.965** is the 20% darker color. If you saturate the color by 10%, you get **32, 5.117, 39.216**, and if you desaturate by 10%, it is **36, 1.184, 219.849**.

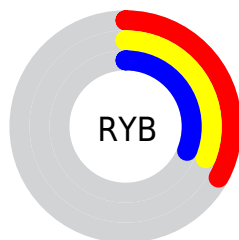
Distribution



Red (33%)

Green (31%)

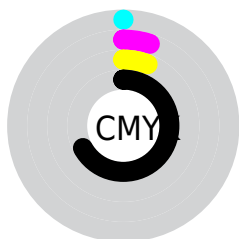
Blue (31%)



Red (33%)

Yellow (31%)

Blue (31%)

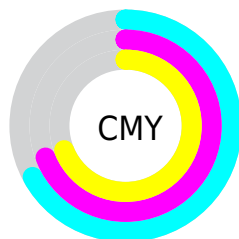


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (67%)



Cyan (67%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 1.852, 39.211 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, 1.852, 39.211 by changing the saturation by 10% instead.

 34, 1.852, 39.211  34, 1.852, 39.211

100, 1.852, 39.211  24, 1.852, 39.211

 54, 1.852, 39.211  14, 1.852, 39.211

 64, 1.852, 39.211  4, 1.852, 39.211


 74, 1.852, 39.211  0, 1.852, 39.211

 84, 1.852, 39.211

 94, 1.852, 39.211

 34, 1.852, 39.211  34, 1.852, 39.211

 32, 5.117, 39.216  36, 1.184, 219.849

 30, 8.634, 39.202  39, 4.012, 219.934

■ 27, 12.417, 39.295

■ 41, 6.654, 220.201

■ 25, 16.476, 39.531

■ 43, 9.129, 220.513

■ 23, 20.805, 39.942

■ 45, 11.458,
220.849

■ 22, 25.375, 40.546

■ 48, 13.657,
221.199

■ 20, 30.116, 41.337

■ 18, 34.407, 41.370

■ 50, 15.742,
221.557

■ 17, 37.834, 40.612

■ 52, 17.724,
221.918

■ 55, 19.617,
222.278

Harmonies

Complementary

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



34, 1.852, 39.211



35, 1.792, 219.816

Rectangle

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



34, 1.852, 39.211



34, 1.852, 89.211



34, 1.852, 219.211



34, 1.852, 269.211

Sweetspot

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



34, 1.852, 39.247



45, 0.747, 39.015



34, 3.325, 330.818



22, 0.419, 38.965



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, 1.852, 39.247



43, 2.668, 39.254



35, 2.268, 92.985



16, 1.360, 39.253



22, 48.539, 42.451



51, 92.836, 43.163

Inverse Universe

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



35, 1.792, 219.816



44, 2.563, 219.823



34, 2.279, 274.430



16, 1.308, 219.821



32, 22.716, 233.388



70, 40.979, 236.272

Previews

White Background



This preview shows how the CIE LCh color 34, 1.852, 39.211 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, 1.852, 39.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

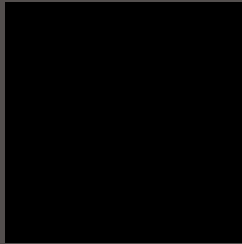
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 1.852, 39.211

Background



This preview shows how black text looks on a background with the CIELCh color 34, 1.852, 39.211.



This preview shows how white text looks on a background with the CIELCh color 34, 1.852, 39.211.

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, 1.852, 39.211

Protanopia

34, 1.514, 74.756

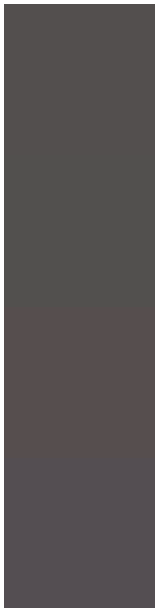
Deuteranopia

34, 4.896, 12.793



Tritanopia
34, 4.579, 324.769

Trichromacy



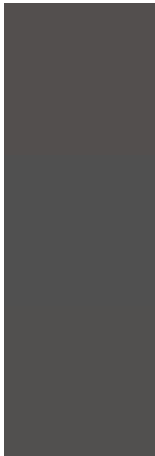
Original Color
34, 1.852, 39.211

Protanomaly
34, 1.514, 74.756

Deuteranomaly
34, 3.519, 19.858

Tritanomaly
34, 3.621, 336.070

Monochromacy



Original Color
34, 1.852, 39.211

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 0.753, 74.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 1.852, 39.211 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(83, 79, 78)` looks like.

```
.text, #text, p{  
    color:rgb(83, 79, 78)  
}
```

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(83, 79, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 79, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 1.852, 39.211 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(83, 79, 78) }
```

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

```
.border{ border-color:rgb(83, 79, 78) }
```

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

Here you see how a box with a 4 pixel rgb(83, 79, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 79, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 79, 78);  
box-shadow:4px 4px 4px 4px rgb(83, 79, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 1.852, 39.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 79, 78) }
```

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

```
.background{ background-color: rgb(83, 79,  
78) }
```

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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