

Converting Colors

CIELCh(34, 9.986, 334.315)

Have a look what the booklet for
CIELCh(34, 9.986, 334.315) contains.

CIELCh(34, 10.174, 333.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(34, 10.174, 333.394)

Conversions

Conversions Part 1

Format	Color
Hex	5B4B57
RGB	91, 75, 87
RGB Percent	36%, 29%, 34%
CMY	0.6419, 0.7047, 0.6576
CMYK	0.00, 0.18, 0.04, 0.64
HSL	315°, 10%, 33%
HSV	315°, 18%, 36%
XYZ	8.6166, 8.0082, 10.1766
YIQ	81.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

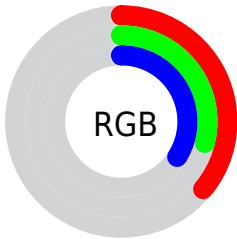
Format	Color
RYB	91, 75, 87
Decimal	5983063
CIELab	34.00, 9.10, -4.56
CIElCh	34, 10.174, 333.394
Yxy	8.0082, 0.3215, 0.2988
Android (android.graphics.Color)	4284173143 (0xFF5B4B57)
YUV	81.1520, 2.8831, 8.6367
Hunter-Lab	28.2988, 4.8282, -1.5122

Details

The CIELCh color $[34, 10.174, 333.394]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[37, 10.121, 151.213]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 10.079, 332.521]$, and $[14, 10.266, 332.663]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 16.015, 334.051]$, and if you desaturate by 10%, it is $[37, 4.344, 332.751]$.

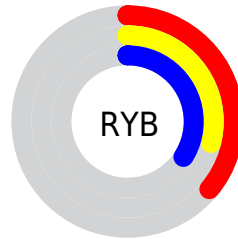
Distribution



Red (36%)

Green (29%)

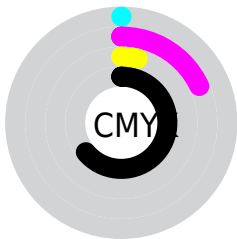
Blue (34%)



Red (36%)

Yellow (29%)

Blue (34%)

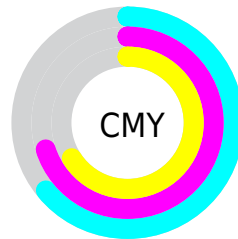


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (64%)



Cyan (64%)


Magenta (70%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.174, 333.394 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, 10.174, 333.394 by changing the saturation by 10% instead.


 34, 10.174,
333.394


 34, 10.174,
333.394

 100, 10.174,
333.394


 24, 10.174,
333.394

 54, 10.174,
333.394

 14, 10.174,
333.394


 64, 10.174,
333.394

 4, 10.174, 333.394

 74, 10.174,
333.394

 0, 10.174, 333.394

 84, 10.174,
333.394

 94, 10.174,
333.394

■ 34, 10.174,
333.394

■ 34, 10.174,
333.394

■ 31, 16.015,
334.051

■ 37, 4.344, 332.751

■ 39, 1.405, 152.333

■ 29, 21.774,
334.734

■ 42, 7.035, 151.665

■ 27, 27.312,
335.452

■ 45, 12.522,
151.118

■ 24, 32.446,
336.212

■ 48, 17.857,
150.604

■ 23, 36.957,
337.029

■ 51, 23.037,
150.120

■ 21, 40.610,
337.925

■ 54, 28.064,
149.662

■ 20, 43.200,
338.932

■ 57, 32.946,
149.229

■ 19, 45.119,

340.000

■ 60, 37.688,
148.819

■ 19, 45.624,
340.252

Harmonies

Complementary

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



34, 10.174, 333.394



37, 10.121, 151.213

Rectangle

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



34, 10.174, 333.394



34, 10.174, 23.394



34, 10.174, 153.394



34, 10.174, 203.394

Sweetspot

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



34, 10.173, 333.395



49, 3.603, 332.589



33, 10.273, 301.013



25, 2.478, 332.622



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 10.173, 333.395



43, 15.268, 333.665



34, 7.486, 1.105



17, 3.248, 332.837



23, 51.674, 340.599



53, 90.095, 341.634

Inverse Universe

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



34, 10.173, 333.395



43, 15.268, 333.665



37, 7.084, 178.047



17, 3.248, 332.837



23, 51.674, 340.599



53, 90.095, 341.634

Previews

White Background



This preview shows how the CIELCh color 34, 10.174, 333.394 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, 10.174, 333.394 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, 10.174, 333.394

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.174, 333.394.



This preview shows how white text looks on a background with the CIELCh color 34, 10.174, 333.394.

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, 10.174, 333.394

Protanopia

34, 6.907, 291.361

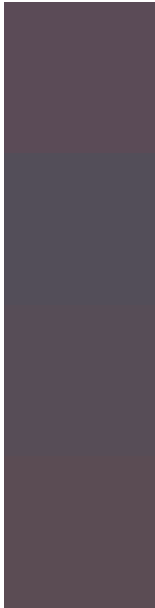
Deuteranopia

34, 6.404, 318.537



Tritanopia
34, 7.541, 350.813

Trichromacy



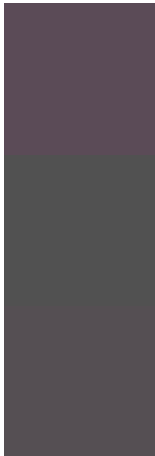
Original Color
34, 10.174, 333.394

Protanomaly
34, 7.245, 307.997

Deuteranomaly
34, 7.603, 325.001

Tritanomaly
34, 8.200, 343.137

Monochromacy



Original Color
34, 10.174, 333.394

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 3.613, 336.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.174, 333.394 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(91, 75, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 75, 87)  
}
```

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(91, 75, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 75, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.174, 333.394 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(91, 75, 87) }
```

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

```
.border{ border-color:rgb(91, 75, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 75, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 75, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 75, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 75, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.174, 333.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 75, 87) }
```

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

```
.background{ background-color: rgb(91, 75,  
87) }
```

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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