

Converting Colors

CIELCh(34, 12.664, 333.639)

Have a look what the booklet for
CIELCh(34, 12.664, 333.639)
contains.

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Color

CIELCh(34, 12.664, 333.639)

Conversions

Conversions Part 1

Format	Color
Hex	5E4A59
RGB	94, 74, 89
RGB Percent	37%, 29%, 35%
CMY	0.6312, 0.7096, 0.6508
CMYK	0.00, 0.21, 0.05, 0.63
HSL	315°, 12%, 33%
HSV	315°, 21%, 37%
XYZ	8.8782, 8.0082, 10.5396
YIQ	81.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

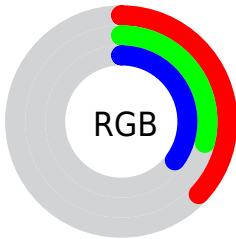
Format	Color
R_{YB}	94, 74, 89
Decimal	6179417
CIE Lab	34.00, 11.35, -5.62
CIE LCh	34, 12.664, 333.639
Yxy	8.0082, 0.3237, 0.2920
Android (android.graphics.Color)	4284369497 (0xFF5E4A59)
YUV	81.6900, 3.6038, 10.7959
Hunter-Lab	28.2988, 6.4783, -2.2728

Details

The CIELCh color $34, 12.664, 333.639$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 12.590, 150.920$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 12.660, 334.179$, and $14, 12.983, 333.358$ is the 20% darker color. If you saturate the color by 10%, you get $31, 18.630, 334.308$, and if you desaturate by 10%, it is $37, 6.675, 332.994$.

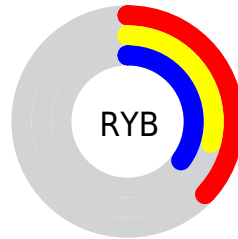
Distribution



Red (37%)

Green (29%)

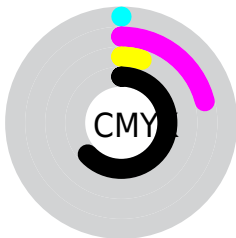
Blue (35%)



Red (37%)

Yellow (29%)

Blue (35%)

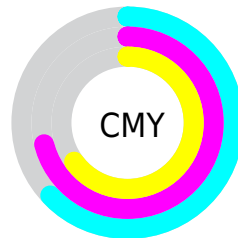


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (63%)



Cyan (63%)


Magenta (71%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 12.664, 333.639 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, 12.664, 333.639 by changing the saturation by 10% instead.


 34, 12.664,
333.639


 34, 12.664,
333.639

 100, 12.664,
333.639


 24, 12.664,
333.639

 54, 12.664,
333.639


 14, 12.664,
333.639


 64, 12.664,
333.639

 4, 12.664, 333.639

 74, 12.664,
333.639

 0, 12.664, 333.639

 84, 12.664,
333.639

 94, 12.664,
333.639

■ 34, 12.664,
333.639

■ 34, 12.664,
333.639

■ 31, 18.630,
334.308

■ 37, 6.675, 332.994

■ 29, 24.463,
335.006

■ 40, 0.748, 332.167

■ 42, 5.070, 151.878

■ 27, 29.999,
335.742

■ 45, 10.748,
151.311

■ 24, 35.036,
336.526

■ 48, 16.272,
150.785

■ 23, 39.336,
337.374

■ 51, 21.637,
150.288

■ 21, 42.661,
338.314


■ 54, 26.843,
149.819

■ 20, 44.856,
339.377

■ 57, 31.897,
149.375

■ 19, 46.538,

340.307

 60, 36.805,
148.956

Harmonies

Complementary

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



34, 12.664, 333.639



38, 12.590, 150.920

Rectangle

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



34, 12.664, 333.639



34, 12.664, 23.639



34, 12.664, 153.639



34, 12.664, 203.639

Sweetspot

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



34, 12.663, 333.640



49, 4.402, 332.660



33, 12.852, 301.288



24, 2.893, 332.684



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, 12.663, 333.640



42, 19.251, 334.006



34, 9.375, 1.522



17, 3.249, 332.834



23, 51.676, 340.595



53, 90.099, 341.629

Inverse Universe

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



34, 12.663, 333.640



42, 19.251, 334.006



38, 8.760, 177.691



17, 3.249, 332.834



23, 51.676, 340.595



53, 90.099, 341.629

Previews

White Background



This preview shows how the CIE LCh color 34, 12.664, 333.639 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, 12.664, 333.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

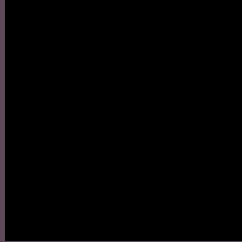
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 12.664, 333.639

Background



This preview shows how black text looks on a background with the CIELCh color 34, 12.664, 333.639.



This preview shows how white text looks on a background with the CIELCh color 34, 12.664, 333.639.

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, 12.664, 333.639

Protanopia

34, 8.790, 289.057

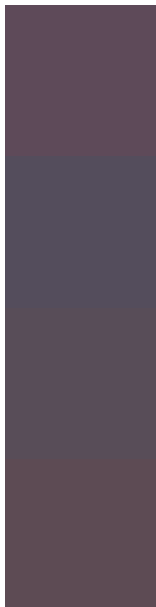
Deuteranopia

34, 6.794, 312.910



Tritanopia
34, 8.735, 355.449

Trichromacy



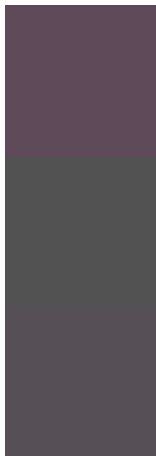
Original Color
34, 12.664, 333.639

Protanomaly
34, 9.899, 308.608

Deuteranomaly
34, 8.351, 325.054

Tritanomaly
34, 9.616, 345.191

Monochromacy



Original Color
34, 12.664, 333.639

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 4.823, 329.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 12.664, 333.639 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(94, 74, 89)` looks like.

```
.text, #text, p{  
    color:rgb(94, 74, 89)  
}
```

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(94, 74, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 74, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 12.664, 333.639 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(94, 74, 89) }
```

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

```
.border{ border-color:rgb(94, 74, 89) }
```

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

Here you see how a box with a 4 pixel rgb(94, 74, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 74, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 74, 89);  
box-shadow:4px 4px 4px 4px rgb(94, 74, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 12.664, 333.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 74, 89) }
```

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

```
.background{ background-color: rgb(94, 74,  
89) }
```

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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