

Converting Colors

CIELCh(34, 11.936, 333.921)

Have a look what the booklet for
CIELCh(34, 11.936, 333.921)
contains.

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Color

CIELCh(34, 11.939, 334.098)

Conversions

Conversions Part 1

Format	Color
Hex	5D4A58
RGB	93, 74, 88
RGB Percent	36%, 29%, 35%
CMY	0.6337, 0.7083, 0.6534
CMYK	0.00, 0.20, 0.05, 0.63
HSL	316°, 11%, 33%
HSV	316°, 20%, 37%
XYZ	8.8071, 8.0082, 10.3998
YIQ	81.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

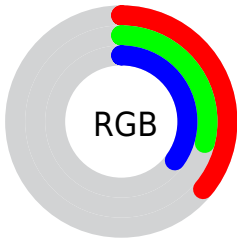
Format	Color
RYB	93, 74, 88
Decimal	6113880
CIELab	34.00, 10.74, -5.22
CIELCh	34, 11.939, 334.098
Yxy	8.0082, 0.3236, 0.2943
Android (android.graphics.Color)	4284303960 (0xFF5D4A58)
YUV	81.2770, 3.3144, 10.2811
Hunter-Lab	28.2988, 6.0296, -1.9799

Details

The CIELCh color $[34, 11.939, 334.098]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[38, 11.864, 151.482]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 11.718, 333.208]$, and $[14, 12.197, 333.776]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 17.825, 334.776]$, and if you desaturate by 10%, it is $[37, 6.041, 333.444]$.

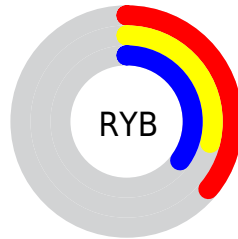
Distribution



Red (36%)

Green (29%)

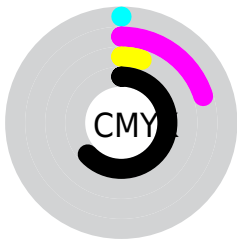
Blue (35%)



Red (36%)

Yellow (29%)

Blue (35%)

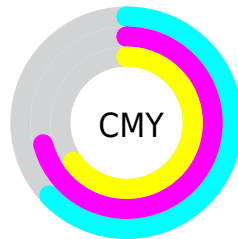


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (63%)



Cyan (63%)


Magenta (71%)


Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 11.939, 334.098 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, 11.939, 334.098 by changing the saturation by 10% instead.


 34, 11.939,
334.098


 34, 11.939,
334.098

 100, 11.939,
334.098


 24, 11.939,
334.098

 54, 11.939,
334.098


 14, 11.939,
334.098


 64, 11.939,
334.098

 4, 11.939, 334.098

 74, 11.939,
334.098

 0, 11.939, 334.098

 84, 11.939,
334.098

 94, 11.939,
334.098

■ 34, 11.939,
334.098

■ 34, 11.939,
334.098

■ 31, 17.825,
334.776

■ 37, 6.041, 333.444

■ 29, 23.594,
335.487

■ 40, 0.211, 331.973

■ 42, 5.506, 152.322

■ 27, 29.090,
336.240

■ 45, 11.083,
151.755

■ 24, 34.116,
337.046

■ 48, 16.507,
151.227

■ 23, 38.438,
337.924

■ 51, 21.773,
150.730

■ 21, 41.820,
338.902

■ 54, 26.884,
150.260

■ 20, 44.078,
340.018

■ 57, 31.845,
149.817

■ 19, 45.916,

341.111

■ 60, 36.663,
149.398

Harmonies

Complementary

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



34, 11.939, 334.098



38, 11.864, 151.482

Rectangle

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



34, 11.939, 334.098



34, 11.939, 24.098



34, 11.939, 154.098



34, 11.939, 204.098

Sweetspot

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



34, 11.938, 334.099



49, 4.360, 333.166



33, 12.213, 301.220



24, 2.866, 333.190



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, 11.938, 334.099



43, 17.603, 334.394



34, 8.908, 1.418



17, 3.218, 333.342



23, 51.218, 341.437



53, 89.269, 342.553

Inverse Universe

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



34, 11.938, 334.099



43, 17.603, 334.394



38, 8.349, 177.778



17, 3.218, 333.342



23, 51.218, 341.437



53, 89.269, 342.553

Previews

White Background



This preview shows how the CIELCh color 34, 11.939, 334.098 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, 11.939, 334.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

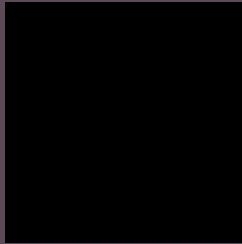
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 11.939, 334.098

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.939, 334.098.



This preview shows how white text looks on a background with the CIELCh color 34, 11.939, 334.098.

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, 11.939, 334.098

Protanopia

34, 8.164, 288.738

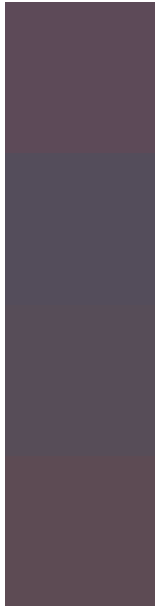
Deuteranopia

34, 6.794, 312.910



Tritanopia
34, 7.676, 356.661

Trichromacy



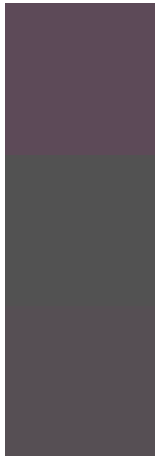
Original Color
34, 11.939, 334.098

Protanomaly
34, 9.303, 309.711

Deuteranomaly
34, 8.124, 322.517

Tritanomaly
34, 9.616, 345.191

Monochromacy



Original Color
34, 11.939, 334.098

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 4.357, 334.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 11.939, 334.098 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(93, 74, 88)` looks like.

```
.text, #text, p{  
    color:rgb(93, 74, 88)  
}
```

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(93, 74, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 74, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.939, 334.098 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(93, 74, 88) }
```

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

```
.border{ border-color:rgb(93, 74, 88) }
```

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

Here you see how a box with a 4 pixel rgb(93, 74, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 74, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 74, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 74, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.939, 334.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 74, 88) }
```

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

```
.background{ background-color: rgb(93, 74,  
88) }
```

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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