

Converting Colors

CIELCh(34, 10.791, 358.786)

Have a look what the booklet for
CIELCh(34, 10.791, 358.786)
contains.

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Color

CIELCh(34, 11.008, 357.932)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 614A51 |
| RGB | 97, 74, 81 |
| RGB Percent | 38%, 29%, 32% |
| CMY | 0.6201, 0.7103, 0.6828 |
| CMYK | 0.00, 0.24, 0.17, 0.62 |
| HSL | 342°, 13%, 33% |
| HSV | 342°, 24%, 38% |
| XYZ | 8.8377, 8.0082, 8.8407 |
| YIQ | 81.6750, 11.4610, 7.0530 |

Conversions

Conversions Part 2

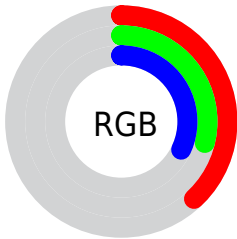
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 97, 74, 81 |
| Decimal | 6376017 |
| CIE Lab | 34.00, 11.00, -0.40 |
| CIE LCh | 34, 11.008, 357.932 |
| Yxy | 8.0082, 0.3441, 0.3118 |
| Android (android.graphics.Color) | 4284566097 (0xFF614A51) |
| YUV | 81.6750, -0.3328, 13.4400 |
| Hunter-Lab | 28.2988, 6.2223, 1.2867 |

Details

The CIELCh color $[34, 11.008, 357.932]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[39, 10.332, 173.560]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 10.864, 358.976]$, and $[14, 11.057, 356.272]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 15.862, 359.171]$, and if you desaturate by 10%, it is $[37, 6.260, 356.859]$.

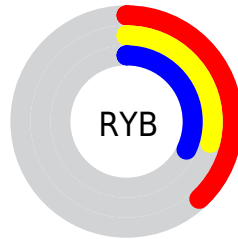
Distribution



 Red (38%)

 Green (29%)

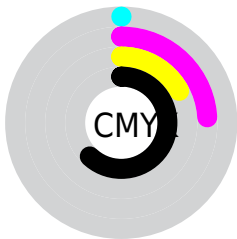
 Blue (32%)



 Red (38%)

 Yellow (29%)

 Blue (32%)

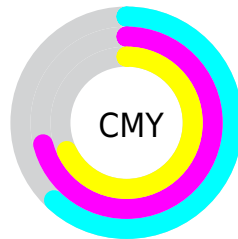


 Cyan (0%)

 Magenta (24%)

 Yellow (17%)

 Black (62%)



 Cyan (62%)


 Magenta (71%)


 Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 11.008, 357.932 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, 11.008, 357.932 by changing the saturation by 10% instead.


 34, 11.008,
357.932


 34, 11.008,
357.932

 100, 11.008,
357.932


 24, 11.008,
357.932

 54, 11.008,
357.932


 14, 11.008,
357.932


 64, 11.008,
357.932

 4, 11.008, 357.932

 74, 11.008,
357.932

 0, 11.008, 357.932

 84, 11.008,
357.932

 94, 11.008,
357.932

34, 11.008,
357.932

34, 11.008,
357.932

31, 15.862,
359.171

37, 6.260, 356.859

28, 20.747, 0.626

40, 1.671, 355.812

26, 25.537, 2.375

43, 2.739, 175.264

24, 30.068, 4.518

46, 6.963, 174.468

22, 34.148, 7.179

49, 11.003,
173.791

20, 37.600, 10.499

52, 14.869,
173.181

19, 40.438, 14.483

55, 18.572,
172.625

18, 42.336, 16.836

59, 22.125,
172.113

62, 25.542,

Harmonies

Complementary

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



34, 11.008, 357.932



39, 10.332, 173.560

Rectangle

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



34, 11.008, 357.932



34, 11.008, 47.932



34, 11.008, 177.932



34, 11.008, 227.932

Sweetspot

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



34, 11.007, 357.936



50, 3.887, 356.201



34, 15.853, 316.139



25, 2.547, 356.232



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 11.007, 357.936



42, 16.132, 358.540



35, 8.969, 37.433



18, 2.534, 356.371



22, 47.153, 17.918



51, 83.965, 21.751

Inverse Universe

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



34, 11.007, 357.936



42, 16.132, 358.540



38, 7.728, 218.256



18, 2.534, 356.371



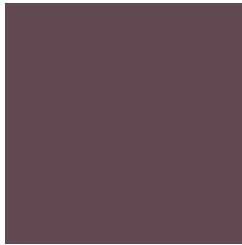
22, 47.153, 17.918



51, 83.965, 21.751

Previews

White Background



This preview shows how the CIE LCh color 34, 11.008, 357.932 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, 11.008, 357.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

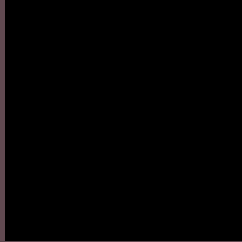
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 11.008, 357.932

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.008, 357.932.



This preview shows how white text looks on a background with the CIELCh color 34, 11.008, 357.932.

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, 11.008, 357.932

Protanopia

34, 2.510, 290.620

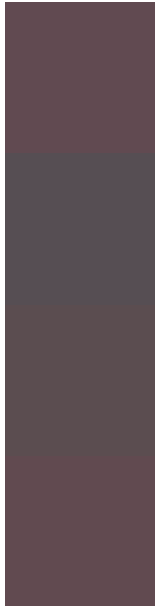
Deuteranopia

34, 4.556, 4.175



Tritanopia
34, 10.818, 1.023

Trichromacy



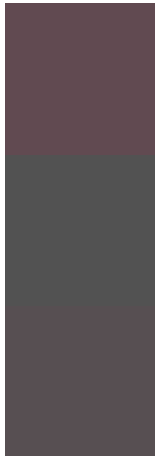
Original Color
34, 11.008, 357.932

Protanomaly
34, 4.676, 338.070

Deuteranomaly
34, 6.435, 3.514

Tritanomaly
34, 10.818, 1.023

Monochromacy



Original Color
34, 11.008, 357.932

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 3.953, 351.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 11.008, 357.932 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(97, 74, 81)` looks like.

```
.text, #text, p{  
    color:rgb(97, 74, 81)  
}
```

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(97, 74, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.008, 357.932 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(97, 74, 81) }
```

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

```
.border{ border-color:rgb(97, 74, 81) }
```

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

Here you see how a box with a 4 pixel rgb(97, 74, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 74, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 74, 81);  
box-shadow:4px 4px 4px 4px rgb(97, 74, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.008, 357.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 74, 81) }
```

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

```
.background{ background-color: rgb(97, 74,  
81) }
```

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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