

Converting Colors

CIELCh(34, 11.546, 355.026)

Have a look what the booklet for
CIELCh(34, 11.546, 355.026)
contains.

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Color

CIELCh(34, 11.231, 354.959)

Conversions

Conversions Part 1

Format	Color
Hex	614A52
RGB	97, 74, 82
RGB Percent	38%, 29%, 32%
CMY	0.6204, 0.7106, 0.6792
CMYK	0.00, 0.24, 0.15, 0.62
HSL	339°, 13%, 33%
HSV	339°, 24%, 38%
XYZ	8.8595, 8.0082, 9.0225
YIQ	81.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

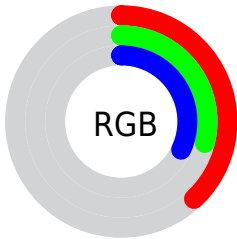
Format	Color
RYB	97, 74, 82
Decimal	6376018
CIELab	34.00, 11.19, -0.99
CIElCh	34, 11.231, 354.959
Yxy	8.0082, 0.3422, 0.3093
Android (android.graphics.Color)	4284566098 (0xFF614A52)
YUV	81.7890, 0.1040, 13.3400
Hunter-Lab	28.2988, 6.3602, 0.9058

Details

The CIELCh color $[34, 11.231, 354.959]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[39, 10.643, 170.635]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 11.065, 356.187]$, and $[14, 11.057, 356.272]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 16.141, 356.157]$, and if you desaturate by 10%, it is $[37, 6.404, 353.914]$.

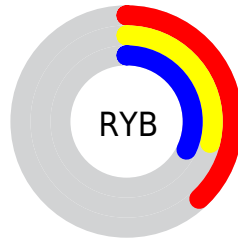
Distribution



 Red (38%)

 Green (29%)

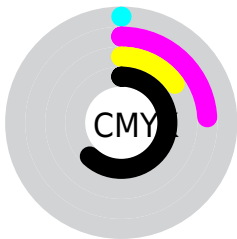
 Blue (32%)



 Red (38%)

 Yellow (29%)

 Blue (32%)

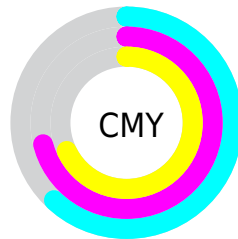


 Cyan (0%)

 Magenta (24%)

 Yellow (15%)

 Black (62%)



 Cyan (62%)


 Magenta (71%)


 Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 11.231, 354.959 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, 11.231, 354.959 by changing the saturation by 10% instead.


 34, 11.231,
354.959


 34, 11.231,
354.959

 100, 11.231,
354.959


 24, 11.231,
354.959

 54, 11.231,
354.959


 14, 11.231,
354.959


 64, 11.231,
354.959

 4, 11.231, 354.959

 74, 11.231,
354.959

 0, 11.231, 354.959

 84, 11.231,
354.959

 94, 11.231,
354.959

■ 34, 11.231,
354.959

■ 34, 11.231,
354.959

■ 31, 16.141,
356.157

■ 37, 6.404, 353.914

■ 28, 21.051,
357.552

■ 40, 1.718, 352.890

■ 43, 2.803, 172.335

■ 26, 25.829,
359.216

■ 46, 7.147, 171.546

■ 24, 30.301, 1.242

■ 49, 11.315,
170.869

■ 22, 34.264, 3.750

■ 52, 15.313,
170.256

■ 20, 37.532, 6.881

■ 55, 19.153,

■ 19, 40.111, 10.661

169.694

■ 19, 41.822, 12.916

■ 58, 22.845,
169.176

■ 62, 26.402,

Harmonies

Complementary

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



34, 11.231, 354.959



39, 10.643, 170.635

Rectangle

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



34, 11.231, 354.959



34, 11.231, 44.959



34, 11.231, 174.959



34, 11.231, 224.959

Sweetspot

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



34, 11.230, 354.962



50, 3.980, 353.268



34, 15.736, 315.069



25, 2.607, 353.298



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, 11.230, 354.962



42, 16.438, 355.547



35, 9.175, 34.081



18, 2.594, 353.434



22, 46.530, 13.962



51, 82.354, 17.690

Inverse Universe

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



34, 11.230, 354.962



42, 16.438, 355.547



38, 7.888, 214.167



18, 2.594, 353.434



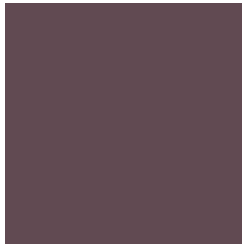
22, 46.530, 13.962



51, 82.354, 17.690

Previews

White Background



This preview shows how the CIELCh color 34, 11.231, 354.959 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, 11.231, 354.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

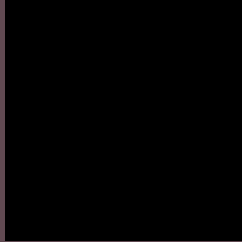
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 11.231, 354.959

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.231, 354.959.

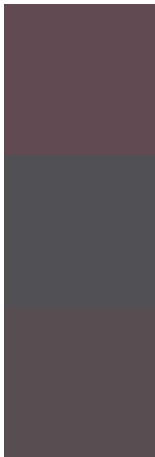


This preview shows how white text looks on a background with the CIELCh color 34, 11.231, 354.959.

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, 11.231, 354.959

Protanopia

34, 3.136, 290.724

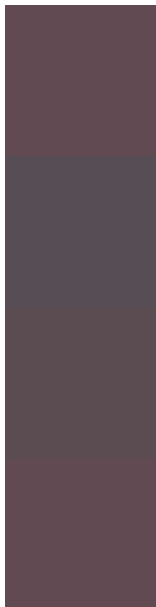
Deuteranopia

34, 4.352, 354.528



Tritanopia
34, 10.818, 1.023

Trichromacy



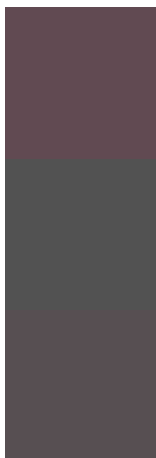
Original Color
34, 11.231, 354.959

Protanomaly
34, 5.112, 332.858

Deuteranomaly
34, 7.273, 355.146

Tritanomaly
34, 11.008, 357.932

Monochromacy



Original Color
34, 11.231, 354.959

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, 11.231, 354.959 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(97, 74, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.231, 354.959 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, 82) }
```

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

```
.border{ border-color:rgb(97, 74, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 74, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 74, 82);  
box-shadow:4px 4px 4px 4px rgb(97, 74, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.231, 354.959 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, 82) }
```

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

```
.background{ background-color: rgb(97, 74,  
82) }
```

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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