

Converting Colors

CIELCh(34, 15.707, 294.197)

Have a look what the booklet for
CIELCh(34, 15.707, 294.197)
contains.

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Color

CIELCh(34, 15.707, 294.197)

Conversions

Conversions Part 1

Format	Color
Hex	4F4E67
RGB	79, 78, 103
RGB Percent	31%, 31%, 40%
CMY	0.6918, 0.6957, 0.5977
CMYK	0.23, 0.24, 0.00, 0.60
HSL	242°, 14%, 35%
HSV	242°, 24%, 40%
XYZ	8.3143, 8.0082, 13.8295
YIQ	81.1490, -7.4290, 7.9870

Conversions

Conversions Part 2

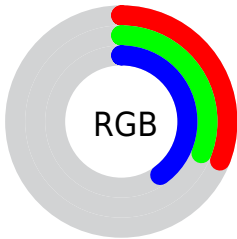
Format	Color
R_{YB}	79, 78, 103
Decimal	5197415
CIE Lab	34.00, 6.44, -14.33
CIE LCh	34, 15.707, 294.197
Yxy	8.0082, 0.2757, 0.2656
Android (android.graphics.Color)	4283387495 (0xFF4F4E67)
YUV	81.1490, 10.7725, -1.8847
Hunter-Lab	28.2988, 2.9209, -9.1657

Details

The CIELCh color $34, 15.707, 294.197$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 14.890, 109.677$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 15.614, 294.737$, and $14, 15.661, 294.430$ is the 20% darker color. If you saturate the color by 10%, you get $30, 22.598, 295.491$, and if you desaturate by 10%, it is $38, 9.080, 293.080$.

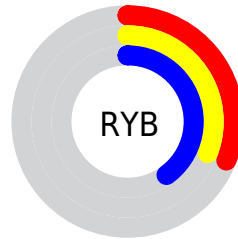
Distribution



Red (31%)

Green (31%)

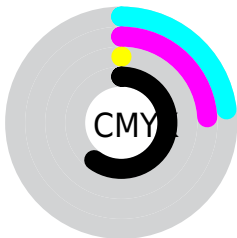
Blue (40%)



Red (31%)

Yellow (31%)

Blue (40%)

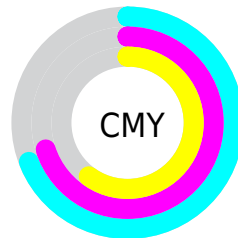


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (60%)



Cyan (69%)


Magenta (70%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 15.707, 294.197 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, 15.707, 294.197 by changing the saturation by 10% instead.


 34, 15.707,
294.197


 34, 15.707,
294.197

 100, 15.707,
294.197


 24, 15.707,
294.197

 54, 15.707,
294.197


 14, 15.707,
294.197


 64, 15.707,
294.197

 4, 15.707, 294.197

 74, 15.707,
294.197

 0, 15.707, 294.197

 84, 15.707,
294.197

 94, 15.707,
294.197

■ 34, 15.707,
294.197

■ 34, 15.707,
294.197

■ 30, 22.598,
295.491

■ 38, 9.080, 293.080

■ 26, 29.761,
296.978

■ 42, 2.705, 292.128

■ 46, 3.437, 111.283

■ 22, 37.172,
298.654

■ 49, 9.361, 110.579

■ 19, 44.741,
300.483

■ 53, 15.082,
109.968

■ 15, 52.223,
302.363

■ 57, 20.614,
109.440

■ 13, 59.111,
304.109

■ 61, 25.969,
108.981

■ 10, 64.832,
305.570

■ 64, 31.159,
108.581

■ 9, 68.296, 306.521

■ 68, 36.192,

Harmonies

Complementary

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



34, 15.707, 294.197



43, 14.890, 109.677

Rectangle

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



34, 15.707, 294.197



34, 15.707, 344.197



34, 15.707, 114.197



34, 15.707, 164.197

Sweetspot

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



34, 15.706, 294.196



52, 5.399, 292.382



41, 9.357, 201.412



26, 3.482, 292.410



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 15.706, 294.196



42, 23.346, 294.880



35, 16.545, 311.266



19, 3.501, 292.542



11, 73.973, 306.493



31, 128.541, 306.371

Inverse Universe

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



36, 18.028, 326.786



45, 26.491, 327.071



42, 16.073, 129.198



20, 4.117, 325.961



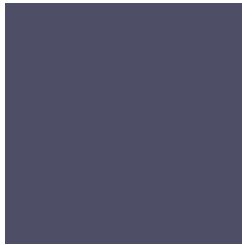
26, 62.216, 329.806



57, 107.699, 329.906

Previews

White Background



This preview shows how the CIE LCh color 34, 15.707, 294.197 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, 15.707, 294.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

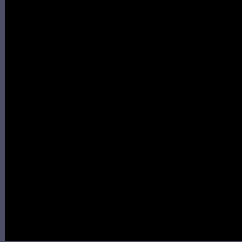
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 15.707, 294.197

Background



This preview shows how black text looks on a background with the CIELCh color 34, 15.707, 294.197.

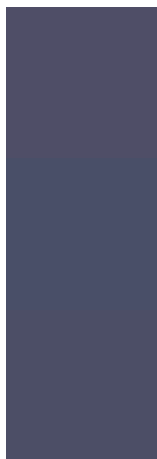


This preview shows how white text looks on a background with the CIELCh color 34, 15.707, 294.197.

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

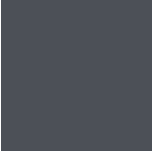
34, 15.707, 294.197

Protanopia

34, 15.776, 284.665

Deuteranopia

34, 15.079, 289.832



Tritanopia
34, 4.658, 270.217

Trichromacy



Original Color

34, 15.707, 294.197

Protanomaly

34, 15.718, 288.703

Deuteranomaly

34, 15.071, 291.266

Tritanomaly

34, 8.810, 286.463

Monochromacy



Original Color

34, 15.707, 294.197

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 5.641, 291.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 15.707, 294.197 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(79, 78, 103)` looks like.

```
.text, #text, p{  
    color:rgb(79, 78, 103)  
}
```

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(79, 78, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 78, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 15.707, 294.197 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(79, 78, 103) }
```

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

```
.border{ border-color:rgb(79, 78, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 78, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 78, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 78, 103);  
box-shadow:4px 4px 4px 4px rgb(79, 78,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 15.707, 294.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 78, 103) }
```

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

```
.background{ background-color: rgb(79, 78,  
103) }
```

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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