

Converting Colors

CIELCh(34, 32.646, 311.059)

Have a look what the booklet for
CIELCh(34, 32.646, 311.059)
contains.

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Color

CIELCh(34, 32.674, 311.076)

Conversions

Conversions Part 1

Format	Color
Hex	5E4577
RGB	94, 69, 119
RGB Percent	37%, 27%, 47%
CMY	0.6305, 0.7286, 0.5325
CMYK	0.21, 0.42, 0.00, 0.53
HSL	270°, 27%, 37%
HSV	270°, 42%, 47%
XYZ	10.1204, 8.0082, 18.5325
YIQ	82.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

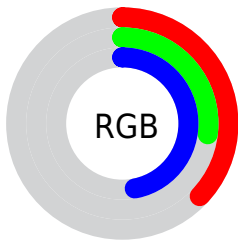
Format	Color
R_{YB}	94, 69, 119
Decimal	6178167
CIE _{Lab}	34.00, 21.47, -24.63
CIE _{LCh}	34, 32.674, 311.076
Yxy	8.0082, 0.2761, 0.2184
Android (android.graphics.Color)	4284368247 (0xFF5E4577)
YUV	82.1750, 18.1547, 10.3705
Hunter-Lab	28.2988, 14.3133, -19.0191

Details

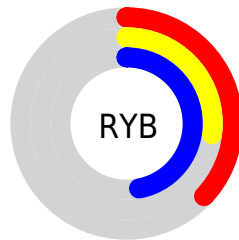
The CIELCh color **34, 32.674, 311.076** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 30.841, 127.196**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 32.166, 310.869**, and **14, 32.392, 310.975** is the 20% darker color. If you saturate the color by 10%, you get **30, 40.689, 311.587**, and if you desaturate by 10%, it is **38, 24.652, 310.557**.

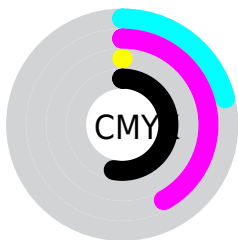
Distribution



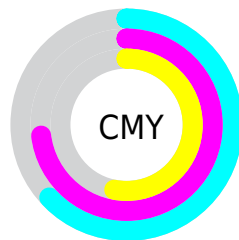
- Red (37%)
- Green (27%)
- Blue (47%)



- Red (37%)
- Yellow (27%)
- Blue (47%)



- Cyan (21%)
- Magenta (42%)
- Yellow (0%)
- Black (53%)





- Cyan (63%)
- Magenta (73%)
- Yellow (53%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 32.674, 311.076 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, 32.674, 311.076 by changing the saturation by 10% instead.


 34, 32.674,
311.076


 34, 32.674,
311.076

 100, 32.674,
311.076


 24, 32.674,
311.076

 54, 32.674,
311.076


 14, 32.674,
311.076


 64, 32.674,
311.076

 4, 32.674, 311.076

 74, 32.674,
311.076

 0, 32.674, 311.076

 84, 32.674,
311.076

 94, 32.674,
311.076

■ 34, 32.674,
311.076

■ 34, 32.674,
311.076

■ 30, 40.689,
311.587

■ 38, 24.652,
310.557

■ 27, 48.508,
312.050

■ 42, 16.738,
310.053

■ 24, 55.831,
312.405

■ 45, 8.995, 309.577

■ 21, 62.238,
312.569

■ 49, 1.455, 309.096

■ 53, 5.869, 128.772

■ 19, 67.226,
312.444

■ 57, 12.975,
128.412

■ 17, 70.840,
312.332

■ 61, 19.867,
128.097

■ 65, 26.553,
127.819

■ 69, 33.043,
127.576

Harmonies

Complementary

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



34, 32.674, 311.076



47, 30.841, 127.196

Rectangle

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



34, 32.674, 311.076



34, 32.674, 1.076



34, 32.674, 131.076



34, 32.674, 181.076

Sweetspot

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



34, 32.673, 311.076



58, 12.185, 309.640



39, 17.224, 262.322



29, 8.614, 309.727



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



34, 32.673, 311.076



41, 48.676, 311.552



37, 35.734, 326.574



23, 4.163, 309.442



18, 72.212, 312.301



40, 123.134, 311.688

Inverse Universe

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



36, 25.762, 347.641



44, 37.864, 348.862



46, 35.806, 141.403



23, 3.350, 344.320



25, 49.386, 0.367



54, 83.347, 2.899

Previews

White Background



This preview shows how the CIELCh color 34, 32.674, 311.076 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, 32.674, 311.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

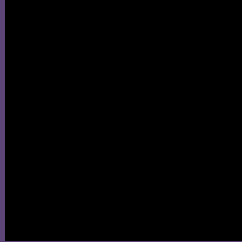
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 32.674, 311.076

Background



This preview shows how black text looks on a background with the CIELCh color 34, 32.674, 311.076.



This preview shows how white text looks on a background with the CIELCh color 34, 32.674, 311.076.

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, 32.674, 311.076

Protanopia

34, 30.236, 284.985

Deuteranopia

34, 23.482, 281.609



Tritanopia
34, 6.075, 342.173

Trichromacy



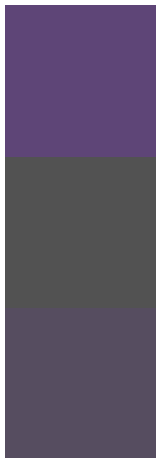
Original Color
34, 32.674, 311.076

Protanomaly
34, 30.742, 294.564

Deuteranomaly
34, 26.361, 294.500

Tritanomaly
34, 15.341, 317.497

Monochromacy



Original Color
34, 32.674, 311.076

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 12.522, 309.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 32.674, 311.076 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, 69, 119)` looks like.

```
.text, #text, p{  
    color:rgb(94, 69, 119)  
}
```

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, 69, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 69, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 32.674, 311.076 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, 69, 119) }
```

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

```
.border{ border-color:rgb(94, 69, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 69, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 69, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 69, 119);  
box-shadow:4px 4px 4px 4px rgb(94, 69,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 32.674, 311.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 69, 119) }
```

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

```
.background{ background-color: rgb(94, 69,  
119) }
```

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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