

Converting Colors

CIELCh(34, 10.349, 315.301)

Have a look what the booklet for
CIELCh(34, 10.349, 315.301)
contains.

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Color

CIELCh(34, 10.327, 315.294)

Conversions

Conversions Part 1

Format	Color
Hex	574D5C
RGB	87, 77, 92
RGB Percent	34%, 30%, 36%
CMY	0.6607, 0.6999, 0.6411
CMYK	0.05, 0.16, 0.00, 0.64
HSL	280°, 9%, 33%
HSV	280°, 16%, 36%
XYZ	8.4160, 8.0082, 11.1150
YIQ	81.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

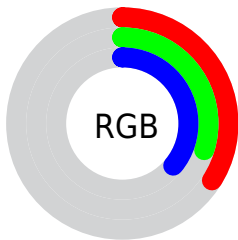
Format	Color
R_{YB}	87, 77, 92
Decimal	5721436
CIE Lab	34.00, 7.34, -7.26
CIE LCh	34, 10.327, 315.294
Yxy	8.0082, 0.3056, 0.2908
Android (android.graphics.Color)	4283911516 (0xFF574D5C)
YUV	81.7000, 5.0779, 4.6481
Hunter-Lab	28.2988, 3.5627, -3.4783

Details


The CIELCh color $[34, 10.327, 315.294]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[38, 10.191, 134.014]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 10.205, 315.780]$, and $[14, 10.164, 316.469]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 16.777, 315.704]$, and if you desaturate by 10%, it is $[37, 3.980, 314.884]$.

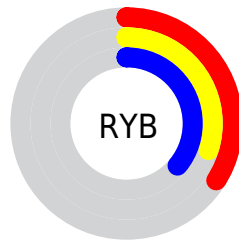
Distribution



 Red (34%)

 Green (30%)

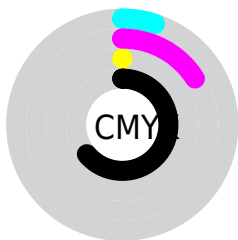
 Blue (36%)




 Red (34%)

 Yellow (30%)

 Blue (36%)

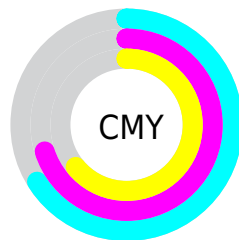


 Cyan (5%)

 Magenta (16%)

 Yellow (0%)

 Black (64%)



 Cyan (66%)

 Magenta (70%)


 Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.327, 315.294 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, 10.327, 315.294 by changing the saturation by 10% instead.


 34, 10.327,
315.294

 34, 10.327,
315.294

 100, 10.327,
315.294

 24, 10.327,
315.294

 54, 10.327,
315.294

 14, 10.327,
315.294

 64, 10.327,
315.294

 4, 10.327, 315.294

 74, 10.327,
315.294

 0, 10.327, 315.294

 84, 10.327,
315.294

 94, 10.327,
315.294

■ 34, 10.327,
315.294

■ 34, 10.327,
315.294

■ 31, 16.777,
315.704

■ 37, 3.980, 314.884

■ 40, 2.229, 134.578

■ 28, 23.278,
316.112

■ 43, 8.284, 134.196

■ 25, 29.741,
316.502

■ 46, 14.176,
133.869

■ 23, 36.031,
316.846

■ 49, 19.907,
133.572

■ 20, 41.955,
317.109

■ 52, 25.478,
133.303

■ 18, 47.257,
317.243


■ 55, 30.895,
133.061


■ 16, 51.640,
317.192

■ 58, 36.163,
132.844

■ 15, 55.313,

317.028

 61, 41.292,
132.649

 14, 56.760,
317.017

Harmonies

Complementary

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



34, 10.327, 315.294



38, 10.191, 134.014

Rectangle

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



34, 10.327, 315.294



34, 10.327, 5.294



34, 10.327, 135.294



34, 10.327, 185.294

Sweetspot

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



34, 10.326, 315.293



49, 3.895, 314.832



35, 6.397, 271.874



25, 2.679, 314.852



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, 10.326, 315.293



43, 15.814, 315.468



34, 10.207, 329.736



17, 3.516, 314.986



18, 64.526, 316.800



43, 114.188, 316.171

Inverse Universe

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



34, 7.257, 355.129



43, 11.144, 355.575



37, 10.182, 147.863



17, 2.458, 354.380



22, 45.929, 15.125



50, 82.153, 19.017

Previews

White Background



This preview shows how the CIE LCh color 34, 10.327, 315.294 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, 10.327, 315.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

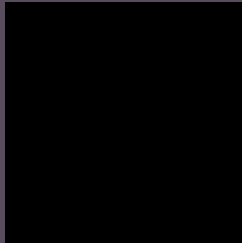
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 10.327, 315.294

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.327, 315.294.

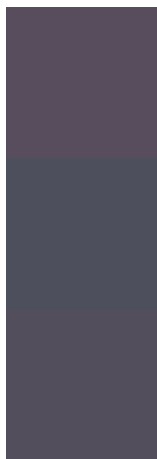


This preview shows how white text looks on a background with the CIELCh color 34, 10.327, 315.294.

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

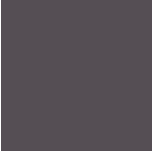
34, 10.327, 315.294

Protanopia

34, 8.810, 286.463

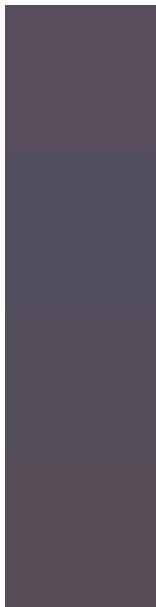
Deuteranopia

34, 8.359, 302.880



Tritanopia
34, 4.833, 329.025

Trichromacy



Original Color
34, 10.327, 315.294

Protanomaly
34, 8.855, 296.939

Deuteranomaly
34, 9.303, 309.711

Tritanomaly
34, 7.375, 322.208

Monochromacy



Original Color
34, 10.327, 315.294

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.149, 314.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.327, 315.294 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(87, 77, 92)` looks like.

```
.text, #text, p{  
    color:rgb(87, 77, 92)  
}
```

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(87, 77, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 77, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.327, 315.294 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(87, 77, 92) }
```

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

```
.border{ border-color:rgb(87, 77, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 77, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 77, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 77, 92);  
box-shadow:4px 4px 4px 4px rgb(87, 77, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.327, 315.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 77, 92) }
```

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

```
.background{ background-color: rgb(87, 77,  
92) }
```

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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