

Converting Colors

CIELCh(19, 14.691, 340.271)

Have a look what the booklet for
CIELCh(19, 14.691, 340.271)
contains.

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Color

CIELCh(19, 14.936, 340.170)

Conversions

Conversions Part 1

Format	Color
Hex	3F2736
RGB	63, 39, 54
RGB Percent	25%, 15%, 21%
CMY	0.7540, 0.8480, 0.7892
CMYK	0.00, 0.38, 0.14, 0.75
HSL	322°, 24%, 20%
HSV	322°, 38%, 25%
XYZ	3.4103, 2.7468, 3.8092
YIQ	47.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

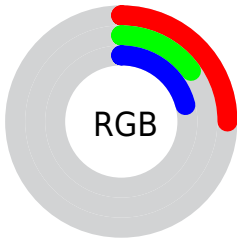
Format	Color
R_{YB}	63, 39, 54
Decimal	4138806
CIE Lab	19.00, 14.05, -5.07
CIE LCh	19, 14.936, 340.170
Yxy	2.7468, 0.3422, 0.2756
Android (android.graphics.Color)	4282328886 (0xFF3F2736)
YUV	47.8860, 3.0142, 13.2550
Hunter-Lab	16.5735, 7.7255, -2.0255

Details

The CIELCh color **19, 14.936, 340.170** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 14.648, 154.569**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 15.290, 339.040**, and **2, 7.391, 349.999** is the 20% darker color. If you saturate the color by 10%, you get **17, 18.733, 341.027**, and if you desaturate by 10%, it is **21, 11.027, 339.385**.

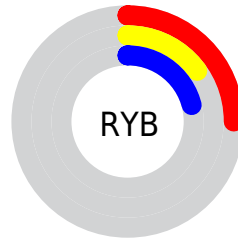
Distribution



Red (25%)

Green (15%)

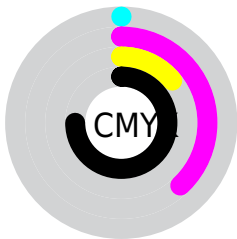
Blue (21%)



Red (25%)

Yellow (15%)

Blue (21%)

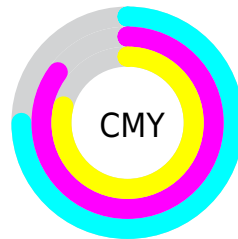


Cyan (0%)

Magenta (38%)

Yellow (14%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 14.936, 340.170 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 19, 14.936, 340.170 by changing the saturation by 10% instead.

■ 19, 14.936,
340.170

■ 19, 14.936,
340.170

■ 100, 14.936,
340.170

■ 9, 14.936, 340.170

■ 39, 14.936,
340.170

■ 0, 14.936, 340.170

■ 49, 14.936,
340.170


■ 59, 14.936,
340.170


■ 69, 14.936,
340.170


■ 79, 14.936,
340.170


■ 89, 14.936,


340.170


 99, 14.936,
340.170

 19, 14.936,
340.170


 19, 14.936,
340.170

 17, 18.733,
341.027

 21, 11.027,
339.385


 16, 22.314,
341.975

 23, 7.089, 338.654


 14, 25.546,
343.042

 25, 3.176, 337.952

 27, 0.675, 157.608

 13, 28.278,
344.269

 29, 4.441, 156.815

 12, 30.455,
345.670

 31, 8.110, 156.242

■ 11, 32.786,
346.926

■ 33, 11.677,
155.710

■ 11, 33.238,
347.126

■ 35, 15.142,
155.212

■ 37, 18.507,
154.742

Harmonies

Complementary

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



19, 14.936, 340.170



24, 14.648, 154.569

Rectangle

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



19, 14.936, 340.170



19, 14.936, 30.170



19, 14.936, 160.170



19, 14.936, 210.170

Sweetspot

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



19, 14.935, 340.171



32, 5.301, 338.181



17, 17.092, 306.316



15, 3.502, 338.206



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



19, 14.935, 340.171



24, 22.247, 341.010



19, 12.110, 12.162



10, 2.100, 337.964



19, 43.266, 348.823



49, 79.428, 351.139

Inverse Universe

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



19, 14.935, 340.171



24, 22.247, 341.010



25, 10.216, 185.656



10, 2.100, 337.964



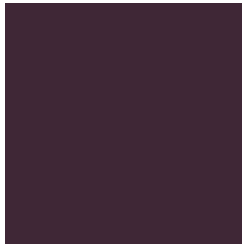
19, 43.266, 348.823



49, 79.428, 351.139

Previews

White Background



This preview shows how the CIE LCh color 19, 14.936, 340.170 looks on a white background.

Color Contrast Check

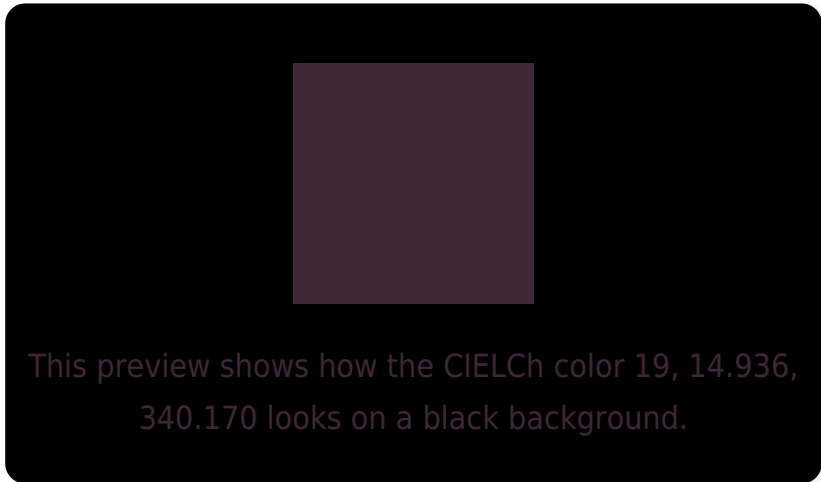
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

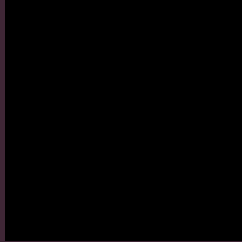
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 14.936, 340.170

Background



This preview shows how black text looks on a background with the CIELCh color 19, 14.936, 340.170.



This preview shows how white text looks on a background with the CIELCh color 19, 14.936, 340.170.

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

19, 14.936, 340.170

Protanopia

19, 8.962, 284.243

Deuteranopia

19, 5.677, 305.264



Tritanopia
19, 10.530, 10.860

Trichromacy



Original Color
19, 14.936, 340.170

Protanomaly
19, 10.154, 310.054

Deuteranomaly
19, 8.272, 325.300

Tritanomaly
19, 11.798, 355.012

Monochromacy



Original Color
19, 14.936, 340.170

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 5.084, 338.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 14.936, 340.170 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(63, 39, 54)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 54)  
}
```

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(63, 39, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 14.936, 340.170 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(63, 39, 54) }
```

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

```
.border{ border-color:rgb(63, 39, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 39, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 54);  
box-shadow:4px 4px 4px 4px rgb(63, 39, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 14.936, 340.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 54) }
```

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

```
.background{ background-color: rgb(63, 39,  
54) }
```

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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