

Converting Colors

CIELCh(34, 25.710, 5.202)

Have a look what the booklet for
CIELCh(34, 25.710, 5.202) contains.

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Color

CIELCh(34, 25.754, 4.937)

Conversions

Conversions Part 1

Format	Color
Hex	763F4D
RGB	118, 63, 77
RGB Percent	46%, 25%, 30%
CMY	0.5358, 0.7517, 0.6968
CMYK	0.00, 0.46, 0.35, 0.54
HSL	345°, 30%, 36%
HSV	345°, 46%, 46%
XYZ	10.6667, 8.0082, 8.0642
YIQ	81.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

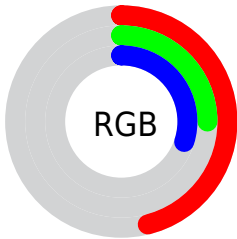
Format	Color
R_{YB}	118, 63, 77
Decimal	7749453
CIE Lab	34.00, 25.66, 2.22
CIE LCh	34, 25.754, 4.937
Yxy	8.0082, 0.3989, 0.2995
Android (android.graphics.Color)	4285939533 (0xFF763F4D)
YUV	81.0410, -1.9922, 32.4130
Hunter-Lab	28.2988, 17.7591, 2.9135

Details

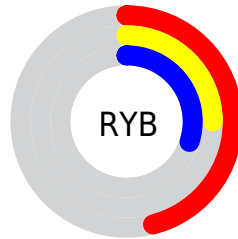
The CIELCh color **34, 25.754, 4.937** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46, 21.980, 174.646**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 25.809, 4.768**, and **14, 25.668, 5.069** is the 20% darker color. If you saturate the color by 10%, you get **31, 31.375, 6.968**, and if you desaturate by 10%, it is **37, 20.006, 3.285**.

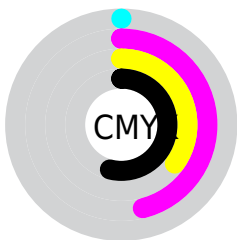
Distribution



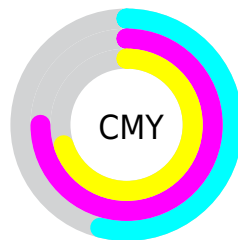
- Red (46%)
- Green (25%)
- Blue (30%)



- Red (46%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (54%)




- Cyan (54%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 25.754, 4.937 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, 25.754, 4.937 by changing the saturation by 10% instead.

 34, 25.754, 4.937  34, 25.754, 4.937

 100, 25.754, 4.937  24, 25.754, 4.937

 54, 25.754, 4.937  14, 25.754, 4.937

 64, 25.754, 4.937  4, 25.754, 4.937

 74, 25.754, 4.937  0, 25.754, 4.937

 84, 25.754, 4.937

 94, 25.754, 4.937

 34, 25.754, 4.937  34, 25.754, 4.937

 31, 31.375, 6.968  37, 20.006, 3.285

 29, 36.667, 9.493  40, 14.295, 1.910

■ 27, 41.406, 12.658

■ 44, 8.727, 0.739

■ 25, 45.429, 16.594

■ 47, 3.363, 359.685

■ 24, 48.872, 21.161

■ 51, 1.767, 179.109

■ 24, 50.158, 22.660

■ 55, 6.657, 178.204

■ 58, 11.311,
177.500

■ 62, 15.744,
176.876

■ 66, 19.971,
176.313

Harmonies

Complementary

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



34, 25.754, 4.937



46, 21.980, 174.646

Rectangle

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



34, 25.754, 4.937



34, 25.754, 54.937



34, 25.754, 184.937



34, 25.754, 234.937

Sweetspot

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



34, 25.752, 4.939



57, 9.098, 0.507



34, 37.228, 318.652



28, 6.266, 0.693



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



34, 25.752, 4.939



40, 38.367, 7.168



37, 22.084, 42.684



23, 2.908, 359.951



25, 51.446, 22.882



53, 89.218, 26.277

Inverse Universe

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



34, 25.752, 4.939



40, 38.367, 7.168



42, 16.083, 227.041



23, 2.908, 359.951



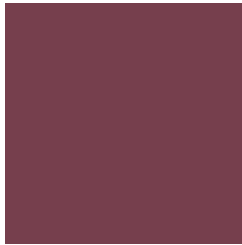
25, 51.446, 22.882



53, 89.218, 26.277

Previews

White Background



This preview shows how the CIE LCh color 34, 25.754, 4.937 looks on a white background.

Color Contrast Check

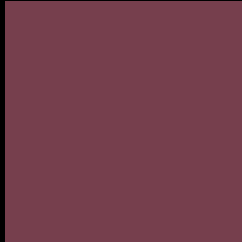
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.754, 4.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

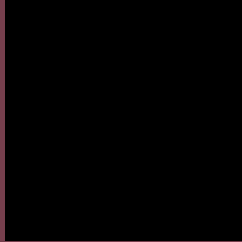
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 25.754, 4.937

Background



This preview shows how black text looks on a background with the CIELCh color 34, 25.754, 4.937.



This preview shows how white text looks on a background with the CIELCh color 34, 25.754, 4.937.

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, 25.754, 4.937

Protanopia

34, 4.389, 290.933

Deuteranopia

34, 5.705, 39.178



Tritanopia
34, 24.655, 18.176

Trichromacy



Original Color
34, 25.754, 4.937

Protanomaly
34, 10.356, 348.241

Deuteranomaly
34, 12.304, 12.740

Tritanomaly
34, 25.021, 12.818

Monochromacy



Original Color
34, 25.754, 4.937

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 9.355, 1.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 25.754, 4.937 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(118, 63, 77)` looks like.

```
.text, #text, p{  
    color:rgb(118, 63, 77)  
}
```

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(118, 63, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 63, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 25.754, 4.937 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(118, 63, 77) }
```

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

```
.border{ border-color:rgb(118, 63, 77) }
```

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

Here you see how a box with a 4 pixel rgb(118, 63, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 63, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 63, 77);  
box-shadow:4px 4px 4px 4px rgb(118, 63,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 25.754, 4.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 63, 77) }
```

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

```
.background{ background-color: rgb(118, 63,  
77) }
```

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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