

Converting Colors

CIE LCh(37, 8.034, 52.338)

Have a look what the booklet for
CIELCh(37, 8.034, 52.338) contains.

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Color

CIELCh(37, 8.054, 52.326)

Conversions

Conversions Part 1

Format	Color
Hex	63544D
RGB	99, 84, 77
RGB Percent	39%, 33%, 30%
CMY	0.6116, 0.6704, 0.6979
CMYK	0.00, 0.15, 0.22, 0.61
HSL	19°, 12%, 35%
HSV	19°, 22%, 39%
XYZ	9.6642, 9.5379, 8.3598
YIQ	87.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

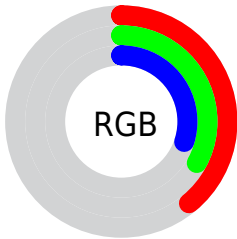
Format	Color
RYB	99, 87, 77
Decimal	6509645
CIELab	37.00, 4.92, 6.37
CIELCh	37, 8.054, 52.326
Yxy	9.5379, 0.3506, 0.3461
Android (android.graphics.Color)	4284699725 (0xFF63544D)
YUV	87.6870, -5.2687, 9.9215
Hunter-Lab	30.8835, 1.8109, 5.5693




Details

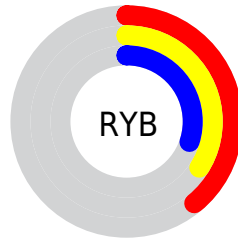
The CIELCh color **37, 8.054, 52.326** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 7.179, 235.838**, and the grayscale version is **37, 0.005, 296.813**.




A 20% lighter version of the original color is **57, 7.990, 54.439**, and **17, 8.046, 51.473** is the 20% darker color. If you saturate the color by 10%, you get **35, 12.099, 51.779**, and if you desaturate by 10%, it is **39, 4.277, 52.933**.

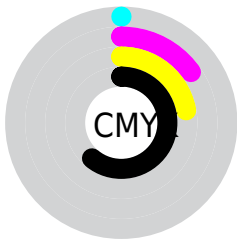
Distribution







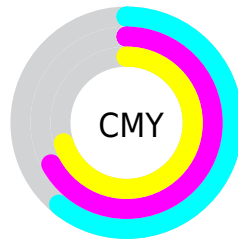
-  Red (39%)
-  Green (33%)
-  Blue (30%)






-  Red (39%)
-  Yellow (34%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (22%)
-  Black (61%)




-  Cyan (61%)
-  Magenta (67%)
-  Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 8.054, 52.326 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 37, 8.054, 52.326 by changing the saturation by 10% instead.

 37, 8.054, 52.326  37, 8.054, 52.326

 100, 8.054, 52.326  27, 8.054, 52.326

 57, 8.054, 52.326  17, 8.054, 52.326

 67, 8.054, 52.326  7, 8.054, 52.326


 77, 8.054, 52.326  0, 8.054, 52.326

 87, 8.054, 52.326

 97, 8.054, 52.326

 37, 8.054, 52.326  37, 8.054, 52.326

 35, 12.099, 51.779  39, 4.277, 52.933

 33, 16.431, 51.291  41, 0.748, 53.277

■ 31, 21.054, 50.889

■ 44, 2.558, 234.492

■ 29, 25.950, 50.578

■ 46, 5.664, 235.146

■ 27, 31.059, 50.336

■ 48, 8.594, 235.853

■ 25, 36.233, 50.087

■ 51, 11.366,
236.567

■ 24, 40.846, 49.274

■ 53, 14.001,
237.278

■ 23, 44.009, 48.544

■ 55, 16.514,
237.978

■ 58, 18.920,
238.664

Harmonies

Complementary

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



37, 8.054, 52.326



38, 7.179, 235.838

Rectangle

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



37, 8.054, 52.326



37, 8.054, 102.326



37, 8.054, 232.326



37, 8.054, 282.326

Sweetspot

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



37, 8.054, 52.337



51, 2.965, 53.216



35, 13.181, 336.443



26, 1.912, 53.201



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



37, 8.054, 52.337



46, 12.286, 52.020



40, 11.016, 99.023



19, 1.907, 53.128



26, 49.260, 48.943



56, 89.880, 47.771

Inverse Universe

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



38, 7.179, 235.838



48, 10.601, 236.489



35, 11.302, 284.074



19, 1.829, 234.600



30, 26.917, 256.930



64, 48.590, 260.371

Previews

White Background



This preview shows how the CIELCh color 37, 8.054, 52.326 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 37, 8.054, 52.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

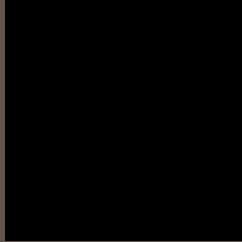
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 8.054, 52.326

Background



This preview shows how black text looks on a background with the CIELCh color 37, 8.054, 52.326.



This preview shows how white text looks on a background with the CIELCh color 37, 8.054, 52.326.

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


37, 8.054, 52.326

Protanopia

37, 5.222, 89.583

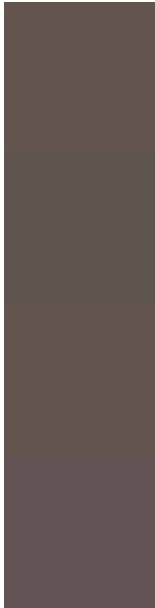
Deuteranopia

37, 8.054, 52.326



Tritanopia
37, 8.866, 351.684

Trichromacy



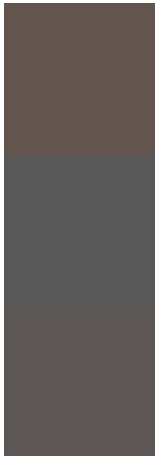
Original Color
37, 8.054, 52.326

Protanomaly
37, 6.082, 73.453

Deuteranomaly
37, 8.054, 52.326

Tritanomaly
37, 7.535, 11.132

Monochromacy



Original Color
37, 8.054, 52.326

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 2.838, 60.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 8.054, 52.326 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(99, 84, 77)` looks like.

```
.text, #text, p{  
    color:rgb(99, 84, 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(99, 84, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 84, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 8.054, 52.326 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(99, 84, 77) }
```

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

```
.border{ border-color:rgb(99, 84, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 84, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 84, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 84, 77);  
box-shadow:4px 4px 4px 4px rgb(99, 84, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 8.054, 52.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 84, 77) }
```

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

```
.background{ background-color: rgb(99, 84,  
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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