

Converting Colors

CIELCh(53, 3.975, 37.184)

Have a look what the booklet for
CIELCh(53, 3.975, 37.184) contains.

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Color

CIELCh(53, 3.822, 37.198)

Conversions

Conversions Part 1

Format	Color
Hex	867D7B
RGB	134, 125, 123
RGB Percent	53%, 49%, 48%
CMY	0.4758, 0.5111, 0.5189
CMYK	0.00, 0.07, 0.08, 0.48
HSL	11°, 4%, 50%
HSV	11°, 8%, 52%
XYZ	20.6244, 21.0462, 21.6062
YIQ	127.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

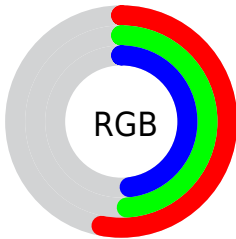
Format	Color
RYB	134, 125, 123
Decimal	8813947
CIELab	53.00, 3.04, 2.31
CIElCh	53, 3.822, 37.198
Yxy	21.0462, 0.3259, 0.3326
Android (android.graphics.Color)	4287004027 (0xFF867D7B)
YUV	127.4630, -2.2003, 5.7329
Hunter-Lab	45.8761, -0.0356, 4.1896

Details

The CIELCh color $53, 3.822, 37.198$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 3.637, 217.676$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 3.767, 45.009$, and $33, 3.778, 39.204$ is the 20% darker color. If you saturate the color by 10%, you get $50, 8.813, 37.261$, and if you desaturate by 10%, it is $56, 0.795, 217.956$.

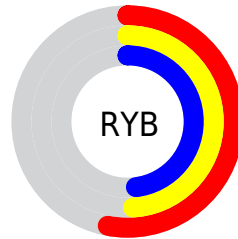
Distribution



Red (53%)

Green (49%)

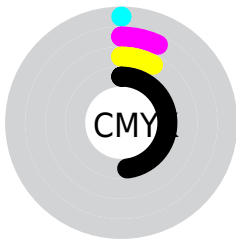
Blue (48%)



Red (53%)

Yellow (49%)

Blue (48%)

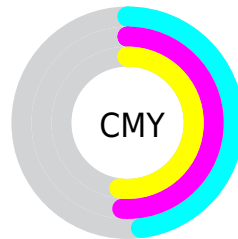


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.822, 37.198 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 53, 3.822, 37.198 by changing the saturation by 10% instead.

 53, 3.822, 37.198

 53, 3.822, 37.198

 100, 3.822, 37.198

 43, 3.822, 37.198

 73, 3.822, 37.198

 33, 3.822, 37.198

 83, 3.822, 37.198

 23, 3.822, 37.198

 93, 3.822, 37.198

 13, 3.822, 37.198

 3, 3.822, 37.198

 0, 3.822, 37.198

 53, 3.822, 37.198

 53, 3.822, 37.198

 50, 8.813, 37.261

 56, 0.795, 217.956

 46, 14.212, 37.379

 60, 5.073, 217.711

43, 20.040, 37.644

63, 9.047, 217.913

40, 26.300, 38.102

67, 12.754,
218.173

37, 32.962, 38.787

70, 16.225,
218.465

35, 39.940, 39.715

32, 47.045, 40.839

74, 19.488,
218.775

30, 53.869, 41.957

77, 22.570,
219.097

29, 59.683, 42.737

81, 25.492,
219.424

84, 28.273,
219.752

Harmonies

Complementary

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



53, 3.822, 37.198



54, 3.637, 217.676

Rectangle

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



53, 3.822, 37.198



53, 3.822, 87.198



53, 3.822, 217.198



53, 3.822, 267.198

Sweetspot

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



53, 3.821, 37.223



70, 1.121, 36.952



53, 6.892, 329.837



36, 0.634, 36.921



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 3.821, 37.223



67, 5.793, 37.231



54, 4.446, 90.105



26, 2.613, 37.227



28, 59.237, 42.826



0, 0.605, 37.410

Inverse Universe

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



54, 3.637, 217.676



69, 5.443, 217.703



53, 4.449, 272.188



27, 2.472, 217.687



41, 26.452, 230.491



0, 0.605, 217.429

Previews

White Background



This preview shows how the CIELCh color 53, 3.822, 37.198 looks on a white background.

Color Contrast Check

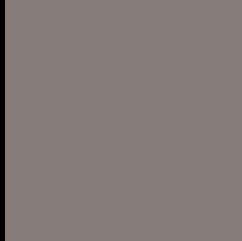
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 3.822, 37.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

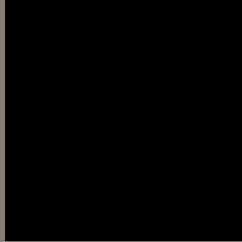
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

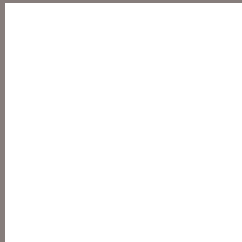
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.822, 37.198

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.822, 37.198.



This preview shows how white text looks on a background with the CIELCh color 53, 3.822, 37.198.

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

53, 3.822, 37.198

Protanopia

53, 2.098, 74.753

Deuteranopia

53, 7.377, 15.714



Tritanopia
53, 7.513, 329.879

Trichromacy



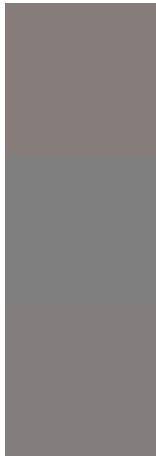
Original Color
53, 3.822, 37.198

Protanomaly
53, 2.647, 60.170

Deuteranomaly
53, 6.115, 20.016

Tritanomaly
53, 5.278, 346.795

Monochromacy



Original Color
53, 3.822, 37.198

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.325, 44.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 3.822, 37.198 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(134, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(134, 125, 123)  
}
```

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(134, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 125, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.822, 37.198 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(134, 125, 123) }
```

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

```
.border{ border-color:rgb(134, 125, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(134, 125,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.822, 37.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 125, 123) }
```

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

```
.background{ background-color: rgb(134,  
125, 123) }
```

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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