

Converting Colors

CIELCh(53, 3.238, 49.254)

Have a look what the booklet for
CIELCh(53, 3.238, 49.254) contains.

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Color

CIELCh(53, 3.315, 50.969)

Conversions

Conversions Part 1

Format	Color
Hex	847D7A
RGB	132, 125, 122
RGB Percent	52%, 49%, 48%
CMY	0.4816, 0.5090, 0.5208
CMYK	0.00, 0.05, 0.08, 0.48
HSL	18°, 4%, 50%
HSV	18°, 8%, 52%
XYZ	20.4280, 21.0462, 21.4596
YIQ	126.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

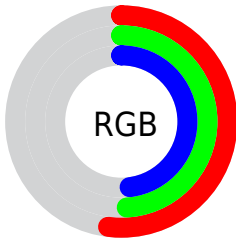
Format	Color
RYB	132, 126, 122
Decimal	8682874
CIELab	53.00, 2.09, 2.58
CIElCh	53, 3.315, 50.969
Yxy	21.0462, 0.3246, 0.3344
Android (android.graphics.Color)	4286872954 (0xFF847D7A)
YUV	126.7510, -2.3422, 4.6034
Hunter-Lab	45.8761, -0.7998, 4.3790

Details

The CIELCh color **53, 3.315, 50.969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 3.192, 232.236**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 3.409, 58.791**, and **33, 3.648, 50.776** is the 20% darker color. If you saturate the color by 10%, you get **50, 7.982, 50.473**, and if you desaturate by 10%, it is **56, 1.034, 232.109**.

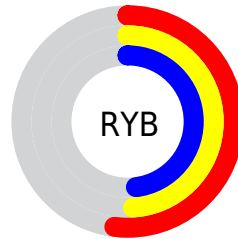
Distribution



Red (52%)

Green (49%)

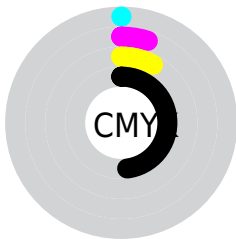
Blue (48%)



Red (52%)

Yellow (49%)

Blue (48%)

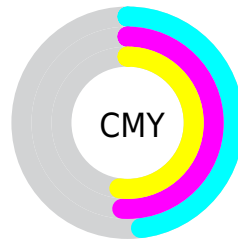


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.315, 50.969 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, 3.315, 50.969 by changing the saturation by 10% instead.


 53, 3.315, 50.969  53, 3.315, 50.969


 100, 3.315, 50.969  43, 3.315, 50.969

 73, 3.315, 50.969  33, 3.315, 50.969

 83, 3.315, 50.969  23, 3.315, 50.969

 93, 3.315, 50.969  13, 3.315, 50.969

 3, 3.315, 50.969

 0, 3.315, 50.969

 53, 3.315, 50.969  53, 3.315, 50.969

 50, 7.982, 50.473  56, 1.034, 232.109

 47, 13.001, 49.964  59, 5.097, 232.489

44, 18.397, 49.529

62, 8.907, 233.143

42, 24.184, 49.193

65, 12.493,
233.824

39, 30.352, 48.969

68, 15.882,
234.508

37, 36.839, 48.849

35, 43.485, 48.768

71, 19.099,
235.188

33, 49.924, 48.549

74, 22.165,
235.858

31, 55.740, 48.120

77, 25.097,
236.513

80, 27.912,
237.151

Harmonies

Complementary

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



53, 3.315, 50.969



54, 3.192, 232.236

Rectangle

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



53, 3.315, 50.969



53, 3.315, 100.969



53, 3.315, 230.969



53, 3.315, 280.969

Sweetspot

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



53, 3.315, 50.999



69, 1.057, 51.033



52, 5.710, 334.737



36, 0.605, 51.011



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, 3.315, 50.999



67, 4.892, 50.919



54, 4.651, 99.557



26, 2.491, 50.922



30, 56.364, 48.103



0, 0.580, 51.581

Inverse Universe

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



54, 3.192, 232.236



68, 4.666, 232.344



52, 4.697, 281.284



27, 2.377, 232.339



36, 29.329, 254.529



0, 0.580, 231.600

Previews

White Background



This preview shows how the CIELCh color 53, 3.315, 50.969 looks on a white background.

Color Contrast Check

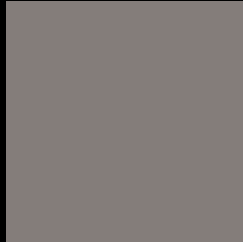
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.315, 50.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

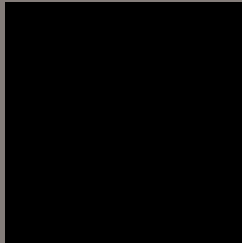
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

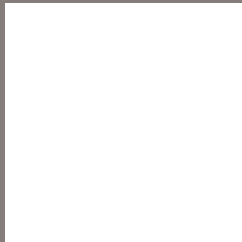
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.315, 50.969

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.315, 50.969.



This preview shows how white text looks on a background with the CIELCh color 53, 3.315, 50.969.

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

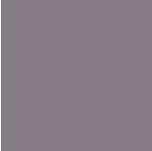
53, 3.315, 50.969

Protanopia

53, 2.353, 66.618

Deuteranopia

53, 7.377, 15.714



Tritanopia
53, 6.564, 327.655

Trichromacy



Original Color
53, 3.315, 50.969

Protanomaly
53, 2.647, 60.170

Deuteranomaly
53, 5.701, 19.965

Tritanomaly
53, 4.628, 341.223

Monochromacy



Original Color
53, 3.315, 50.969

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, 3.315, 50.969 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(132, 125, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 122)  
}
```

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(132, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.315, 50.969 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(132, 125, 122) }
```

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

```
.border{ border-color:rgb(132, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.315, 50.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 122) }
```

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

```
.background{ background-color: rgb(132,  
125, 122) }
```

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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