

Converting Colors

CIELCh(52, 3.060, 346.997)

Have a look what the booklet for
CIELCh(52, 3.060, 346.997) contains.

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Color

CIELCh(52, 3.318, 348.049)

Conversions

Conversions Part 1

Format	Color
Hex	817A7D
RGB	129, 122, 125
RGB Percent	51%, 48%, 49%
CMY	0.4932, 0.5207, 0.5089
CMYK	0.00, 0.05, 0.03, 0.49
HSL	334°, 3%, 49%
HSV	334°, 5%, 51%
XYZ	19.7898, 20.1443, 22.3216
YIQ	124.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

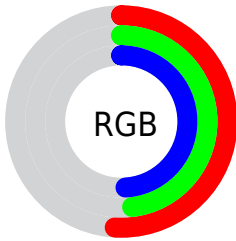
Format	Color
R_{YB}	129, 122, 125
Decimal	8485501
CIE Lab	52.00, 3.25, -0.69
CIE LCh	52, 3.318, 348.049
Yxy	20.1443, 0.3179, 0.3236
Android (android.graphics.Color)	4286675581 (0xFF817A7D)
YUV	124.4350, 0.2785, 4.0035
Hunter-Lab	44.8824, 0.1609, 1.9307

Details

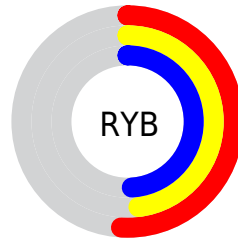
The CIELCh color $52, 3.318, 348.049$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 3.280, 167.345$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 3.729, 343.905$, and $32, 3.622, 348.328$ is the 20% darker color. If you saturate the color by 10%, you get $48, 9.567, 349.028$, and if you desaturate by 10%, it is $56, 2.751, 167.453$.

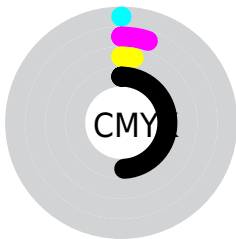
Distribution



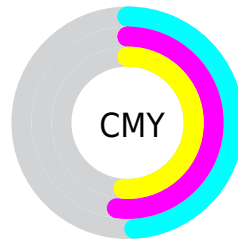
- Red (51%)
- Green (48%)
- Blue (49%)



- Red (51%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.318, 348.049 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 52, 3.318, 348.049 by changing the saturation by 10% instead.

■ 52, 3.318, 348.049

■ 52, 3.318, 348.049

■ 100, 3.318,
348.049

■ 42, 3.318, 348.049

■ 72, 3.318, 348.049

■ 32, 3.318, 348.049

■ 82, 3.318, 348.049

■ 22, 3.318, 348.049

■ 92, 3.318, 348.049

■ 12, 3.318, 348.049

■ 2, 3.318, 348.049

■ 0, 3.318, 348.049

■ 52, 3.318, 348.049

■ 52, 3.318, 348.049

■ 48, 9.567, 349.028

■ 56, 2.751, 167.453

■ 45, 15.948,

■ 60, 8.610, 166.637

350.061

64, 14.252,
165.946

41, 22.363,
351.234

67, 19.681,
165.319

38, 28.666,
352.596

71, 24.907,
164.742

35, 34.642,
354.215

75, 29.942,
164.208

32, 40.019,
356.186

79, 34.801,
163.712

30, 44.498,
358.632

83, 39.499,
163.249

28, 47.830, 1.707

87, 44.050,
162.817

27, 50.016, 5.506

Harmonies

Complementary

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



52, 3.318, 348.049



53, 3.280, 167.345

Rectangle

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



52, 3.318, 348.049



52, 3.318, 38.049



52, 3.318, 168.049



52, 3.318, 218.049

Sweetspot

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



52, 3.316, 348.060



68, 1.515, 347.619



52, 4.382, 311.558



35, 0.857, 347.588



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 3.316, 348.060



66, 5.331, 348.234



52, 2.651, 25.388



25, 2.737, 348.244



26, 50.503, 7.204



0, 0.000, 0.000

Inverse Universe

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



52, 3.316, 348.060



66, 5.331, 348.234



53, 2.565, 205.335



25, 2.737, 348.244



26, 50.503, 7.204



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.318, 348.049 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 52, 3.318, 348.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

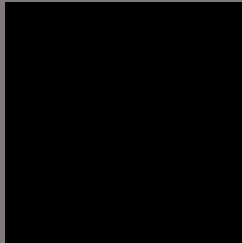
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

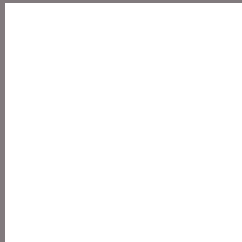
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.318, 348.049

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.318, 348.049.



This preview shows how white text looks on a background with the CIELCh color 52, 3.318, 348.049.

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

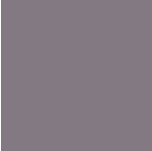
52, 3.318, 348.049

Protanopia

52, 2.128, 324.481

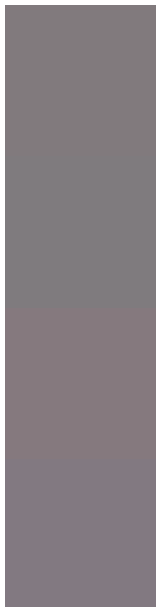
Deuteranopia

52, 6.985, 350.350



Tritanopia
52, 6.845, 322.045

Trichromacy



Original Color

52, 3.318, 348.049

Protanomaly

52, 2.378, 332.437

Deuteranomaly

52, 5.642, 349.121

Tritanomaly

52, 5.892, 327.962

Monochromacy



Original Color

52, 3.318, 348.049

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.340, 353.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.318, 348.049 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(129, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 122, 125)  
}
```

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(129, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 122, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.318, 348.049 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(129, 122, 125) }
```

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

```
.border{ border-color:rgb(129, 122, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 122, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 122,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.318, 348.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 122, 125) }
```

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

```
.background{ background-color: rgb(129,  
122, 125) }
```

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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