

Converting Colors

CIELCh(52, 10.002, 333.999)

Have a look what the booklet for
CIELCh(52, 10.002, 333.999)
contains.

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Color

CIELCh(52, 10.147, 332.548)

Conversions

Conversions Part 1

Format	Color
Hex	887784
RGB	136, 119, 132
RGB Percent	53%, 47%, 52%
CMY	0.4661, 0.5328, 0.4818
CMYK	0.00, 0.12, 0.03, 0.47
HSL	314°, 7%, 50%
HSV	314°, 12%, 53%
XYZ	20.9659, 20.1443, 24.6653
YIQ	125.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

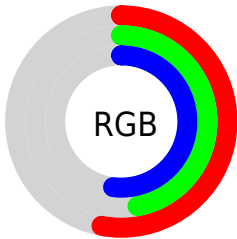
Format	Color
R_{YB}	136, 119, 132
Decimal	8943492
CIE _{Lab}	52.00, 9.00, -4.68
CIE _{LCh}	52, 10.147, 332.548
Yxy	20.1443, 0.3187, 0.3063
Android (android.graphics.Color)	4287133572 (0xFF887784)
YUV	125.5650, 3.1725, 9.1515
Hunter-Lab	44.8824, 4.8385, -1.1653

Details

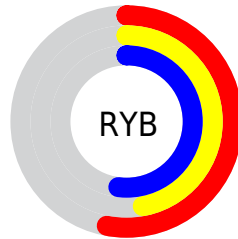
The CIELCh color $52, 10.147, 332.548$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 10.105, 150.998$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.190, 331.886$, and $32, 9.976, 331.516$ is the 20% darker color. If you saturate the color by 10%, you get $48, 18.347, 333.214$, and if you desaturate by 10%, it is $56, 2.009, 331.828$.

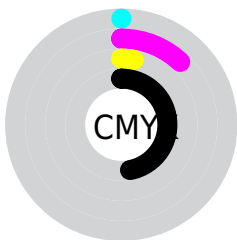
Distribution



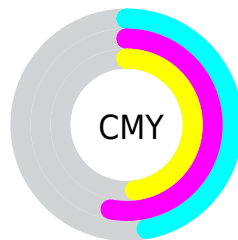
- Red (53%)
- Green (47%)
- Blue (52%)



- Red (53%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (47%)





- Cyan (47%)
- Magenta (53%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 10.147, 332.548 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, 10.147, 332.548 by changing the saturation by 10% instead.


 52, 10.147,
332.548


 52, 10.147,
332.548


 100, 10.147,
332.548


 42, 10.147,
332.548


 72, 10.147,
332.548

 32, 10.147,
332.548

 82, 10.147,
332.548

 22, 10.147,
332.548

 92, 10.147,
332.548

 12, 10.147,
332.548

 2, 10.147, 332.548

 0, 10.147, 332.548

■ 52, 10.147,
332.548

■ 52, 10.147,
332.548

■ 48, 18.347,
333.214

■ 56, 2.009, 331.828

■ 45, 26.487,
333.901

■ 60, 5.980, 151.392

■ 41, 34.377,
334.619

■ 64, 13.776,
150.802

■ 38, 41.762,
335.373

■ 68, 21.352,
150.258

■ 36, 48.322,
336.176

■ 72, 28.703,
149.745

■ 34, 53.702,
337.046

■ 76, 35.828,
149.261


■ 32, 57.575,
338.014


■ 80, 42.736,
148.805

■ 31, 59.744,

■ 84, 49.437,
148.374

339.122

 88, 55.945,
147.969

 30, 60.746,
340.012

Harmonies

Complementary

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



52, 10.147, 332.548



55, 10.105, 150.998

Rectangle

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



52, 10.147, 332.548



52, 10.147, 22.548



52, 10.147, 152.548



52, 10.147, 202.548

Sweetspot

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



52, 10.145, 332.549



70, 3.985, 331.973



51, 10.068, 300.096



37, 2.856, 332.025



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 10.145, 332.549



65, 15.050, 332.736



52, 7.389, 359.436



27, 4.617, 332.330



29, 59.620, 339.975



0, 2.129, 331.792

Inverse Universe

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



52, 10.145, 332.549



65, 15.050, 332.736



55, 7.108, 177.246



27, 4.617, 332.330



29, 59.620, 339.975



0, 2.129, 331.792

Previews

White Background



This preview shows how the CIELCh color 52, 10.147, 332.548 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, 10.147, 332.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

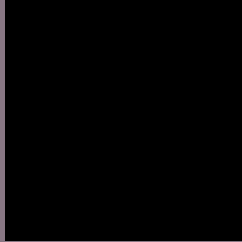
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

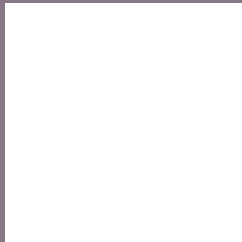
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 10.147, 332.548

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.147, 332.548.

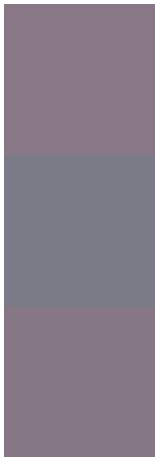


This preview shows how white text looks on a background with the CIELCh color 52, 10.147, 332.548.

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, 10.147, 332.548

Protanopia
52, 6.976, 291.062

Deuteranopia
52, 8.694, 327.096



Tritanopia
52, 8.276, 341.297

Trichromacy



Original Color
52, 10.147, 332.548

Protanomaly
52, 7.388, 309.442

Deuteranomaly
52, 8.934, 329.186

Tritanomaly
52, 8.644, 338.297

Monochromacy



Original Color
52, 10.147, 332.548

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.347, 335.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.147, 332.548 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(136, 119, 132)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 132)  
}
```

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(136, 119, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.147, 332.548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

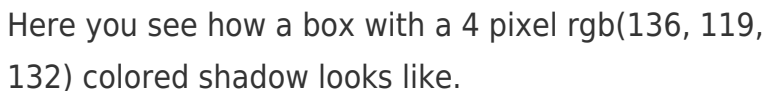
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 119, 132) }
```

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

```
.border{ border-color:rgb(136, 119, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 119, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 119, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 119, 132); box-shadow:4px 4px 4px 4px rgb(136, 119, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.147, 332.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 132) }
```

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

```
.background{ background-color: rgb(136,  
119, 132) }
```

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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