

Converting Colors

CIELCh(52, 10.563, 87.647)

Have a look what the booklet for
CIELCh(52, 10.563, 87.647) contains.

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Color

CIELCh(52, 10.547, 87.664)

Conversions

Conversions Part 1

Format	Color
Hex	847B6A
RGB	132, 123, 106
RGB Percent	52%, 48%, 42%
CMY	0.4820, 0.5173, 0.5840
CMYK	0.00, 0.07, 0.20, 0.48
HSL	39°, 11%, 47%
HSV	39°, 20%, 52%
XYZ	19.2309, 20.1443, 16.5349
YIQ	123.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

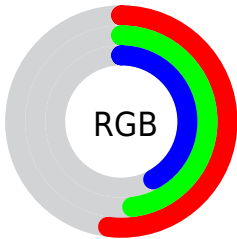
Format	Color
R_{YB}	120, 132, 106
Decimal	8682346
CIE _{Lab}	52.00, 0.43, 10.54
CIE _{LCh}	52, 10.547, 87.664
Yxy	20.1443, 0.3440, 0.3603
Android (android.graphics.Color)	4286872426 (0xFF847B6A)
YUV	123.7530, -8.7522, 7.2326
Hunter-Lab	44.8824, -2.0617, 9.5750

Details

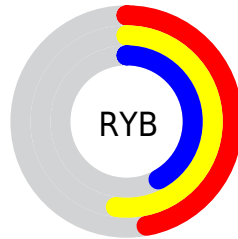
The CIELCh color **52, 10.547, 87.664** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 10.475, 272.799**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 10.518, 87.256**, and **32, 10.207, 86.662** is the 20% darker color. If you saturate the color by 10%, you get **50, 16.079, 86.399**, and if you desaturate by 10%, it is **54, 5.129, 88.896**.

Distribution



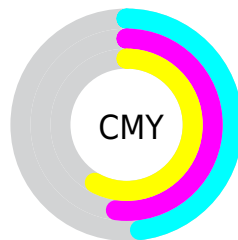
- Red (52%)
- Green (48%)
- Blue (42%)



- Red (47%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 10.547, 87.664 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, 10.547, 87.664 by changing the saturation by 10% instead.

■ 52, 10.547, 87.664

■ 52, 10.547, 87.664

■ 100, 10.547,
87.664

■ 42, 10.547, 87.664

■ 72, 10.547, 87.664

■ 32, 10.547, 87.664

■ 82, 10.547, 87.664

■ 22, 10.547, 87.664

■ 92, 10.547, 87.664

■ 12, 10.547, 87.664

■ 2, 10.547, 87.664

■ 0, 10.547, 87.664

■ 52, 10.547, 87.664

■ 52, 10.547, 87.664

■ 50, 16.079, 86.399

■ 54, 5.129, 88.896

■ 49, 21.704, 85.085

■ 55, 0.172, 271.207

47, 27.379, 83.731

57, 5.358, 271.321

46, 33.016, 82.330

59, 10.435,
272.412

45, 38.446, 80.855

60, 15.411,
273.464

43, 43.377, 79.248

42, 47.353, 77.396

62, 20.295,
274.470

41, 50.528, 75.392

64, 25.093,
275.427

41, 50.641, 75.336

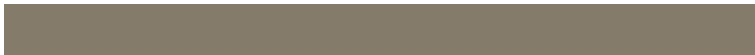
65, 29.812,
276.335

67, 34.461,
277.196

Harmonies

Complementary

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



52, 10.547, 87.664



48, 10.475, 272.799

Rectangle

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



52, 10.547, 87.664



52, 10.547, 137.664



52, 10.547, 267.664



52, 10.547, 317.664

Sweetspot

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



52, 10.548, 87.673



69, 3.903, 89.306



48, 11.976, 354.451



36, 2.611, 89.247



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 10.548, 87.673



65, 15.953, 87.060



54, 14.939, 114.645



27, 2.994, 88.962



40, 50.074, 75.384



0, 0.712, 90.090

Inverse Universe

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



48, 10.475, 272.799



60, 15.810, 273.589



46, 15.580, 297.658



26, 2.991, 271.281



22, 56.363, 294.738



0, 0.713, 270.098

Previews

White Background



This preview shows how the CIELCh color 52, 10.547, 87.664 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 CIELCh color 52, 10.547, 87.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

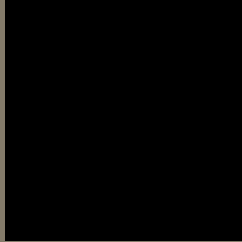
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

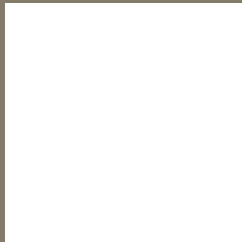
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 10.547, 87.664

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.547, 87.664.



This preview shows how white text looks on a background with the CIELCh color 52, 10.547, 87.664.

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, 10.547, 87.664

Protanopia

52, 10.696, 95.099

Deuteranopia

52, 12.123, 54.944



Tritanopia
52, 7.969, 339.412

Trichromacy



Original Color
52, 10.547, 87.664

Protanomaly
52, 10.806, 92.900

Deuteranomaly
52, 10.798, 63.874

Tritanomaly
52, 5.304, 19.924

Monochromacy



Original Color
52, 10.547, 87.664

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.220, 92.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.547, 87.664 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, 123, 106)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 106)  
}
```

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, 123, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.547, 87.664 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, 123, 106) }
```

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

```
.border{ border-color:rgb(132, 123, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 106);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.547, 87.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 106) }
```

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

```
.background{ background-color: rgb(132,  
123, 106) }
```

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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