

Converting Colors

CIELCh(52, 18.277, 99.098)

Have a look what the booklet for
CIELCh(52, 18.277, 99.098) contains.

CIELCh(52, 18.106, 98.126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 18.106, 98.126)

Conversions

Conversions Part 1

Format	Color
Hex	837C5D
RGB	131, 124, 93
RGB Percent	51%, 49%, 36%
CMY	0.4850, 0.5124, 0.6341
CMYK	0.00, 0.05, 0.29, 0.48
HSL	49°, 17%, 44%
HSV	49°, 29%, 52%
XYZ	18.6494, 20.1443, 13.3335
YIQ	122.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

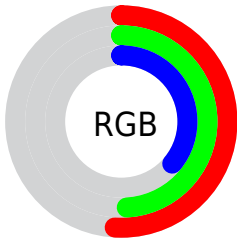
Format	Color
R_{YB}	102, 131, 93
Decimal	8617053
CIE Lab	52.00, -2.56, 17.92
CIE LCh	52, 18.106, 98.126
Yxy	20.1443, 0.3578, 0.3864
Android (android.graphics.Color)	4286807133 (0xFF837C5D)
YUV	122.5590, -14.5726, 7.4028
Hunter-Lab	44.8824, -4.3745, 13.8041

Details

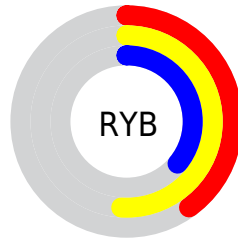
The CIELCh color **52, 18.106, 98.126** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **43, 18.763, 285.166**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 18.142, 98.151**, and **32, 17.744, 97.384** is the 20% darker color. If you saturate the color by 10%, you get **51, 24.350, 96.980**, and if you desaturate by 10%, it is **53, 11.832, 99.260**.

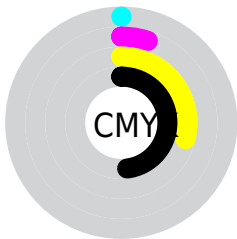
Distribution



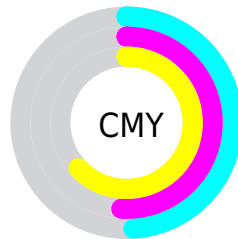
- Red (51%)
- Green (49%)
- Blue (36%)



- Red (40%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 18.106, 98.126 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, 18.106, 98.126 by changing the saturation by 10% instead.

■ 52, 18.106, 98.126

■ 52, 18.106, 98.126

■ 100, 18.106,
98.126

■ 42, 18.106, 98.126

■ 72, 18.106, 98.126

■ 32, 18.106, 98.126

■ 82, 18.106, 98.126

■ 22, 18.106, 98.126

■ 92, 18.106, 98.126

■ 12, 18.106, 98.126

■ 2, 18.106, 98.126

■ 0, 18.106, 98.126

■ 52, 18.106, 98.126

■ 52, 18.106, 98.126

■ 51, 24.350, 96.980

■ 53, 11.832, 99.260

■ 50, 30.486, 95.815

■ 54, 5.568, 100.355

49, 36.386, 94.643

55, 0.659, 281.611

49, 41.841, 93.465

56, 6.836, 282.496

48, 46.535, 92.276

57, 12.956,
283.481

47, 50.052, 91.053

58, 19.017,
284.427

46, 52.469, 89.795

46, 52.739, 89.668

59, 25.017,
285.329

61, 30.958,
286.187

62, 36.840,
286.999

Harmonies

Complementary

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



52, 18.106, 98.126



43, 18.763, 285.166

Rectangle

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



52, 18.106, 98.126



52, 18.106, 148.126



52, 18.106, 278.126



52, 18.106, 328.126

Sweetspot

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



52, 18.107, 98.131



69, 6.943, 100.327



44, 16.842, 6.291



36, 4.865, 100.191



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, 18.107, 98.131



66, 27.141, 97.345



53, 22.214, 120.184



28, 3.537, 100.335



46, 52.371, 89.682



1, 0.847, 101.332

Inverse Universe

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



43, 18.763, 285.166



52, 28.427, 286.341



42, 23.480, 303.673



26, 3.579, 282.386



17, 70.416, 302.182



0, 0.847, 281.336

Previews

White Background



This preview shows how the CIELCh color 52, 18.106, 98.126 looks on a white background.

Color Contrast Check

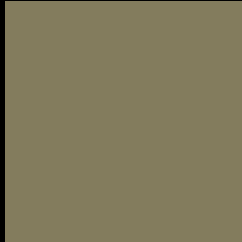
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.106, 98.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

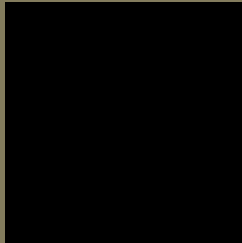
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 18.106, 98.126

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.106, 98.126.



This preview shows how white text looks on a background with the CIELCh color 52, 18.106, 98.126.

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, 18.106, 98.126

Protanopia

52, 18.282, 95.400

Deuteranopia

52, 18.963, 99.107



Tritanopia
52, 8.276, 341.297

Trichromacy



Original Color
52, 18.106, 98.126

Protanomaly
52, 18.188, 96.757

Deuteranomaly
52, 18.025, 78.799

Tritanomaly
52, 6.059, 54.627

Monochromacy



Original Color
52, 18.106, 98.126

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.482, 98.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.106, 98.126 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(131, 124, 93)` looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 93)  
}
```

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(131, 124, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.106, 98.126 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(131, 124, 93) }
```

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

```
.border{ border-color:rgb(131, 124, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 124, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 93);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.106, 98.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 93) }
```

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

```
.background{ background-color: rgb(131,  
124, 93) }
```

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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