

Converting Colors

CIELCh(52, 10.896, 6.092)

Have a look what the booklet for
CIELCh(52, 10.896, 6.092) contains.

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Color

CIELCh(52, 10.514, 7.955)

Conversions

Conversions Part 1

Format	Color
Hex	8F767A
RGB	143, 118, 122
RGB Percent	56%, 46%, 48%
CMY	0.4399, 0.5379, 0.5222
CMYK	0.00, 0.17, 0.15, 0.44
HSL	350°, 10%, 51%
HSV	350°, 17%, 56%
XYZ	21.2605, 20.1443, 21.1272
YIQ	125.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

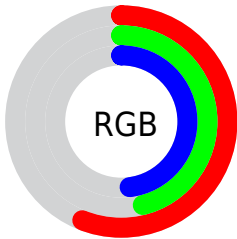
Format	Color
R_{YB}	143, 118, 122
Decimal	9401978
CIE _{Lab}	52.00, 10.41, 1.46
CIE _{LCh}	52, 10.514, 7.955
Yxy	20.1443, 0.3400, 0.3221
Android (android.graphics.Color)	4287592058 (0xFF8F767A)
YUV	125.9310, -1.9380, 14.9695
Hunter-Lab	44.8824, 6.0101, 3.5086

Details

The CIELCh color $52, 10.514, 7.955$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 9.741, 184.927$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.573, 8.503$, and $32, 10.110, 10.391$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.956, 9.168$, and if you desaturate by 10%, it is $56, 4.381, 6.911$.

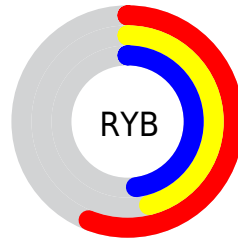
Distribution



Red (56%)

Green (46%)

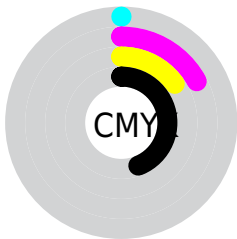
Blue (48%)



Red (56%)

Yellow (46%)

Blue (48%)

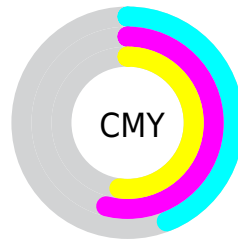


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 10.514, 7.955 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, 10.514, 7.955 by changing the saturation by 10% instead.

 52, 10.514, 7.955  52, 10.514, 7.955

 100, 10.514, 7.955  42, 10.514, 7.955

 72, 10.514, 7.955  32, 10.514, 7.955

 82, 10.514, 7.955  22, 10.514, 7.955


 92, 10.514, 7.955  12, 10.514, 7.955

 2, 10.514, 7.955

 0, 10.514, 7.955

 52, 10.514, 7.955  52, 10.514, 7.955

 48, 16.956, 9.168  56, 4.381, 6.911

 44, 23.652, 10.625  60, 1.418, 186.444

40, 30.488, 12.423

65, 6.886, 185.486

37, 37.289, 14.674

69, 12.043,
184.822

34, 43.829, 17.510

73, 16.910,
184.249

32, 49.875, 21.055

30, 55.262, 25.351

78, 21.516,
183.741

29, 60.058, 30.071

82, 25.887,
183.285

29, 61.282, 31.129

86, 30.048,
182.872

91, 34.022,
182.496

Harmonies

Complementary

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



52, 10.514, 7.955



57, 9.741, 184.927

Rectangle

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



52, 10.514, 7.955



52, 10.514, 57.955



52, 10.514, 187.955



52, 10.514, 237.955

Sweetspot

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



52, 10.512, 7.962



73, 3.603, 6.652



52, 16.631, 320.562



38, 2.482, 6.723



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 10.512, 7.962



65, 15.828, 8.413



54, 8.437, 54.341



28, 3.314, 7.084



27, 58.707, 30.834



0, 2.184, 6.350

Inverse Universe

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



52, 10.512, 7.962



65, 15.828, 8.413



55, 7.719, 237.393



28, 3.314, 7.084



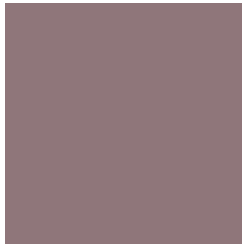
27, 58.707, 30.834



0, 2.184, 6.350

Previews

White Background



This preview shows how the CIELCh color 52, 10.514, 7.955 looks on a white background.

Color Contrast Check

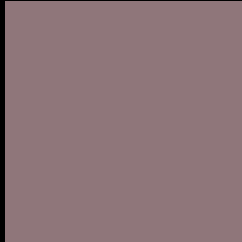
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.514, 7.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

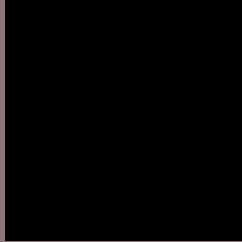
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 10.514, 7.955

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.514, 7.955.



This preview shows how white text looks on a background with the CIELCh color 52, 10.514, 7.955.

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, 10.514, 7.955

Protanopia

52, 0.996, 343.485

Deuteranopia

52, 6.984, 15.409



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 10.514, 7.955

Protanomaly
52, 4.206, 3.835

Deuteranomaly
52, 8.285, 12.317

Tritanomaly
52, 11.346, 359.884

Monochromacy



Original Color
52, 10.514, 7.955

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 3.682, 10.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.514, 7.955 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(143, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 118, 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(143, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 118, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.514, 7.955 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(143, 118, 122) }
```

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

```
.border{ border-color:rgb(143, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 118,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.514, 7.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 118, 122) }
```

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

```
.background{ background-color: rgb(143,  
118, 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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