

Converting Colors

CIELCh(52, 7.001, 48.661)

Have a look what the booklet for
CIELCh(52, 7.001, 48.661) contains.

CIELCh(52, 7.150, 48.884)	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, 7.150, 48.884)

Conversions

Conversions Part 1

Format	Color
Hex	887973
RGB	136, 121, 115
RGB Percent	53%, 47%, 45%
CMY	0.4667, 0.5255, 0.5490
CMYK	0.00, 0.11, 0.15, 0.47
HSL	17°, 8%, 49%
HSV	17°, 15%, 53%
XYZ	20.0828, 20.1443, 19.0473
YIQ	124.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

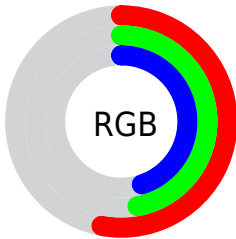
Format	Color
R_{YB}	136, 123, 115
Decimal	8943987
CIE Lab	52.00, 4.70, 5.39
CIE LCh	52, 7.150, 48.884
Yxy	20.1443, 0.3388, 0.3398
Android (android.graphics.Color)	4287134067 (0xFF887973)
YUV	124.8010, -4.8319, 9.8215
Hunter-Lab	44.8824, 1.3264, 6.2561

Details

The CIELCh color $52, 7.150, 48.884$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 6.562, 230.970$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 6.983, 47.518$, and $32, 7.117, 52.081$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.233, 48.448$, and if you desaturate by 10%, it is $55, 2.427, 49.334$.

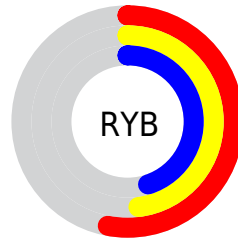
Distribution



Red (53%)

Green (47%)

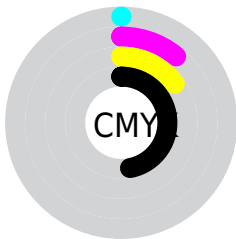
Blue (45%)



Red (53%)

Yellow (48%)

Blue (45%)

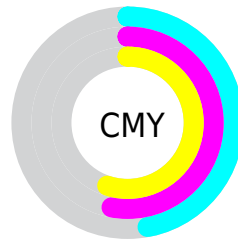


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.150, 48.884 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, 7.150, 48.884 by changing the saturation by 10% instead.

 52, 7.150, 48.884  52, 7.150, 48.884

 100, 7.150, 48.884  42, 7.150, 48.884

 72, 7.150, 48.884  32, 7.150, 48.884

 82, 7.150, 48.884  22, 7.150, 48.884

 92, 7.150, 48.884  12, 7.150, 48.884

 2, 7.150, 48.884

 0, 7.150, 48.884

 52, 7.150, 48.884  52, 7.150, 48.884

 49, 12.233, 48.448  55, 2.427, 49.334

 46, 17.707, 48.073  58, 1.968, 230.277

43, 23.589, 47.803

61, 6.071, 230.765

41, 29.875, 47.656

64, 9.914, 231.380

38, 36.513, 47.632

67, 13.530,
232.018

36, 43.365, 47.685

71, 16.945,
232.662

34, 50.108, 47.663

32, 56.177, 47.326

74, 20.184,
233.302

31, 58.882, 47.358

77, 23.268,
233.933

80, 26.217,
234.551

Harmonies

Complementary

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



52, 7.150, 48.884



53, 6.562, 230.970

Rectangle

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



52, 7.150, 48.884



52, 7.150, 98.884



52, 7.150, 228.884



52, 7.150, 278.884

Sweetspot

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



52, 7.150, 48.899



70, 2.749, 49.342



51, 12.136, 334.617



37, 1.895, 49.326



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, 7.150, 48.899



65, 11.020, 48.713



55, 9.587, 97.644



27, 2.578, 49.192



30, 57.666, 47.352



1, 1.162, 49.799

Inverse Universe

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



53, 6.562, 230.970



67, 9.871, 231.317



50, 9.727, 281.281



28, 2.456, 230.507



38, 29.166, 251.924



1, 1.162, 229.818

Previews

White Background



This preview shows how the CIELCh color 52, 7.150, 48.884 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, 7.150, 48.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

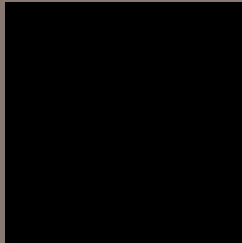
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.150, 48.884

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.150, 48.884.



This preview shows how white text looks on a background with the CIELCh color 52, 7.150, 48.884.

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, 7.150, 48.884

Protanopia

52, 4.897, 89.975

Deuteranopia

52, 8.458, 40.075



Tritanopia
52, 9.257, 346.223

Trichromacy



Original Color

52, 7.150, 48.884

Protanomaly

52, 5.213, 70.380

Deuteranomaly

52, 8.058, 41.073

Tritanomaly

52, 7.137, 6.137

Monochromacy



Original Color

52, 7.150, 48.884

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.655, 60.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.150, 48.884 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, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(136, 121, 115)  
}
```

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, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 121, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.150, 48.884 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, 121, 115) }
```

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

```
.border{ border-color:rgb(136, 121, 115) }
```

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

Here you see how a box with a 4 pixel rgb(136, 121, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(136, 121,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.150, 48.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 121, 115) }
```

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

```
.background{ background-color: rgb(136,  
121, 115) }
```

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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