

Converting Colors

CIELCh(52, 8.003, 27.967)

Have a look what the booklet for
CIELCh(52, 8.003, 27.967) contains.

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Color

CIELCh(52, 7.953, 28.540)

Conversions

Conversions Part 1

Format	Color
Hex	8B7876
RGB	139, 120, 118
RGB Percent	55%, 47%, 46%
CMY	0.4559, 0.5303, 0.5382
CMYK	0.00, 0.14, 0.15, 0.46
HSL	6°, 8%, 50%
HSV	6°, 15%, 54%
XYZ	20.5486, 20.1443, 19.8695
YIQ	125.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

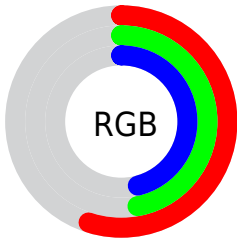
Format	Color
R_{YB}	139, 120, 118
Decimal	9140342
CIE _{Lab}	52.00, 6.99, 3.80
CIE _{LCh}	52, 7.953, 28.540
Yxy	20.1443, 0.3393, 0.3326
Android (android.graphics.Color)	4287330422 (0xFF8B7876)
YUV	125.4530, -3.6743, 11.8807
Hunter-Lab	44.8824, 3.1789, 5.1699

Details

The CIELCh color $52, 7.953, 28.540$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 7.216, 207.949$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.164, 27.636$, and $32, 7.886, 29.710$ is the 20% darker color. If you saturate the color by 10%, you get $48, 13.748, 29.064$, and if you desaturate by 10%, it is $56, 2.590, 28.105$.

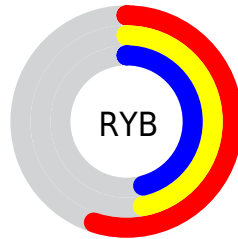
Distribution



Red (55%)

Green (47%)

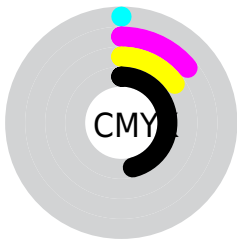
Blue (46%)



Red (55%)

Yellow (47%)

Blue (46%)

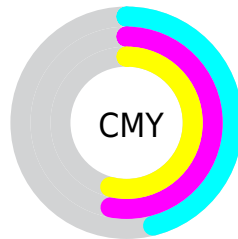


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.953, 28.540 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, 7.953, 28.540 by changing the saturation by 10% instead.

 52, 7.953, 28.540  52, 7.953, 28.540

 100, 7.953, 28.540  42, 7.953, 28.540

 72, 7.953, 28.540  32, 7.953, 28.540

 82, 7.953, 28.540  22, 7.953, 28.540

 92, 7.953, 28.540  12, 7.953, 28.540

 2, 7.953, 28.540

 0, 7.953, 28.540

 52, 7.953, 28.540  52, 7.953, 28.540

 48, 13.748, 29.064  56, 2.590, 28.105

 45, 19.994, 29.763  60, 2.367, 208.230

41, 26.678, 30.714

64, 6.955, 207.981

38, 33.749, 31.981

67, 11.215,
207.893

35, 41.100, 33.617

71, 15.183,
207.869

33, 48.536, 35.623

31, 55.696, 37.852

75, 18.895,
207.886

29, 61.767, 39.765

79, 22.381,
207.933

29, 64.225, 40.674

83, 25.669,
208.002

87, 28.785,
208.086

Harmonies

Complementary

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



52, 7.953, 28.540



56, 7.216, 207.949

Rectangle

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



52, 7.953, 28.540



52, 7.953, 78.540



52, 7.953, 208.540



52, 7.953, 258.540

Sweetspot

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



52, 7.952, 28.552



71, 3.138, 28.104



52, 13.907, 327.596



37, 2.163, 28.139



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 7.952, 28.552



65, 11.912, 28.703



55, 7.887, 81.977



27, 2.878, 28.298



27, 61.824, 40.466



0, 1.292, 28.137

Inverse Universe

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



56, 7.216, 207.949



71, 10.567, 207.910



53, 7.744, 265.944



28, 2.718, 208.063



46, 27.624, 212.752



1, 1.292, 208.155

Previews

White Background



This preview shows how the CIELCh color 52, 7.953, 28.540 looks on a white background.

Color Contrast Check

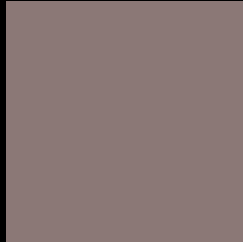
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.953, 28.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

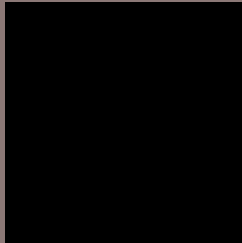
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.953, 28.540

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.953, 28.540.



This preview shows how white text looks on a background with the CIELCh color 52, 7.953, 28.540.

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, 7.953, 28.540

Protanopia

52, 2.601, 81.989

Deuteranopia

52, 7.535, 28.961



Tritanopia
52, 10.300, 350.248

Trichromacy



Original Color
52, 7.953, 28.540

Protanomaly
52, 4.061, 44.947

Deuteranomaly
52, 7.535, 28.961

Tritanomaly
52, 9.025, 1.785

Monochromacy



Original Color
52, 7.953, 28.540

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.887, 31.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.953, 28.540 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(139, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 118)  
}
```

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(139, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.953, 28.540 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(139, 120, 118) }
```

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

```
.border{ border-color:rgb(139, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.953, 28.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 118) }
```

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

```
.background{ background-color: rgb(139,  
120, 118) }
```

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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