

Converting Colors

CIELCh(52, 8.390, 344.395)

Have a look what the booklet for
CIELCh(52, 8.390, 344.395) contains.

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Color

CIELCh(52, 7.933, 344.571)

Conversions

Conversions Part 1

Format	Color
Hex	887880
RGB	136, 120, 128
RGB Percent	53%, 47%, 50%
CMY	0.4676, 0.5303, 0.4990
CMYK	0.00, 0.12, 0.06, 0.47
HSL	330°, 6%, 50%
HSV	330°, 12%, 53%
XYZ	20.6846, 20.1443, 23.1397
YIQ	125.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

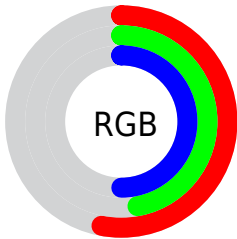
Format	Color
R _Y B	136, 120, 128
Decimal	8943744
CIE Lab	52.00, 7.65, -2.11
CIE LCh	52, 7.933, 344.571
Yxy	20.1443, 0.3234, 0.3149
Android (android.graphics.Color)	4287133824 (0xFF887880)
YUV	125.6960, 1.1359, 9.0366
Hunter-Lab	44.8824, 3.7197, 0.8500

Details

The CIELCh color $52, 7.933, 344.571$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.815, 162.732$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.070, 342.777$, and $32, 7.558, 344.903$ is the 20% darker color. If you saturate the color by 10%, you get $48, 14.808, 345.500$, and if you desaturate by 10%, it is $56, 1.186, 343.536$.

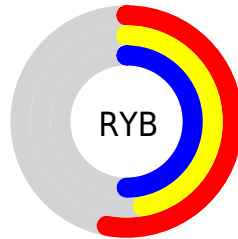
Distribution



Red (53%)

Green (47%)

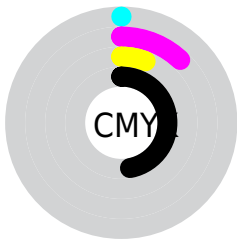
Blue (50%)



Red (53%)

Yellow (47%)

Blue (50%)

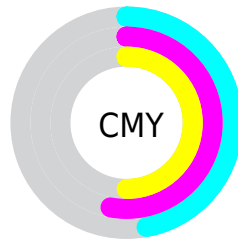


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.933, 344.571 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, 7.933, 344.571 by changing the saturation by 10% instead.

■ 52, 7.933, 344.571

■ 52, 7.933, 344.571

■ 100, 7.933,
344.571

■ 42, 7.933, 344.571

■ 72, 7.933, 344.571

■ 32, 7.933, 344.571

■ 82, 7.933, 344.571

■ 22, 7.933, 344.571

■ 92, 7.933, 344.571

■ 12, 7.933, 344.571

■ 2, 7.933, 344.571

■ 0, 7.933, 344.571

■ 52, 7.933, 344.571

■ 52, 7.933, 344.571

■ 48, 14.808,
345.500

■ 56, 1.186, 343.536

■ 60, 5.373, 163.101

45, 21.725,
346.524

64, 11.723,
162.383

41, 28.535,
347.684

68, 17.853,
161.739

38, 35.025,
349.030

72, 23.769,
161.147

35, 40.911,
350.628

76, 29.478,
160.597

33, 45.866,
352.574

80, 34.993,
160.085

31, 49.578,
354.992

84, 40.329,
159.608

29, 51.863,
358.028

88, 45.500,
159.161

28, 53.166, 0.828

Harmonies

Complementary

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



52, 7.933, 344.571



55, 7.815, 162.732

Rectangle

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



52, 7.933, 344.571



52, 7.933, 34.571



52, 7.933, 164.571



52, 7.933, 214.571

Sweetspot

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



52, 7.931, 344.575



70, 3.300, 343.864



52, 9.859, 309.573



37, 2.365, 343.934



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, 7.931, 344.575



65, 11.682, 344.802



52, 6.561, 20.085



27, 3.832, 344.342



28, 52.277, 0.726



0, 1.760, 343.649

Inverse Universe

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



52, 7.931, 344.575



65, 11.682, 344.802



55, 6.104, 198.857



27, 3.832, 344.342



28, 52.277, 0.726



0, 1.760, 343.649

Previews

White Background



This preview shows how the CIELCh color 52, 7.933, 344.571 looks on a white background.

Color Contrast Check

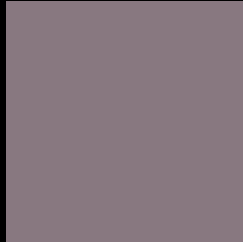
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.933, 344.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

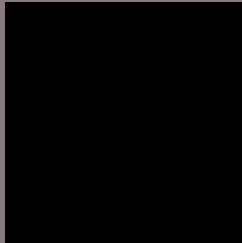
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.933, 344.571

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.933, 344.571.



This preview shows how white text looks on a background with the CIELCh color 52, 7.933, 344.571.

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, 7.933, 344.571

Protanopia

52, 4.157, 301.562

Deuteranopia

52, 7.297, 340.742



Tritanopia
52, 8.276, 341.297

Trichromacy



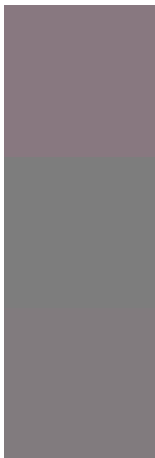
Original Color
52, 7.933, 344.571

Protanomaly
52, 4.949, 324.689

Deuteranomaly
52, 7.610, 342.733

Tritanomaly
52, 8.276, 341.297

Monochromacy



Original Color
52, 7.933, 344.571

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.979, 343.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.933, 344.571 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, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 120, 128)  
}
```

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, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 120, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.933, 344.571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

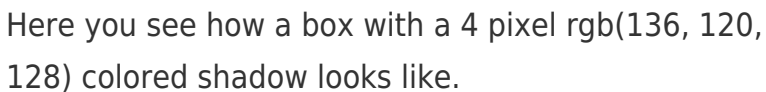
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 120, 128) }
```

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

```
.border{ border-color:rgb(136, 120, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 120, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 120, 128); box-shadow:4px 4px 4px 4px rgb(136, 120, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.933, 344.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 120, 128) }
```

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

```
.background{ background-color: rgb(136,  
120, 128) }
```

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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