

Converting Colors

CIELCh(52, 15.120, 342.748)

Have a look what the booklet for
CIELCh(52, 15.120, 342.748)
contains.

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Color

CIELCh(52, 14.823, 342.562)

Conversions

Conversions Part 1

Format	Color
Hex	917484
RGB	145, 116, 132
RGB Percent	57%, 45%, 52%
CMY	0.4317, 0.5454, 0.4827
CMYK	0.00, 0.20, 0.09, 0.43
HSL	327°, 12%, 51%
HSV	327°, 20%, 57%
XYZ	22.0538, 20.1443, 24.5225
YIQ	126.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

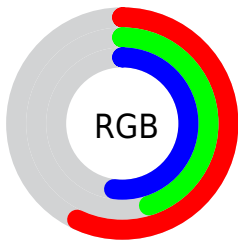
Format	Color
R_{YB}	145, 116, 132
Decimal	9532548
CIE Lab	52.00, 14.14, -4.44
CIE LCh	52, 14.823, 342.562
Yxy	20.1443, 0.3305, 0.3019
Android (android.graphics.Color)	4287722628 (0xFF917484)
YUV	126.4950, 2.7140, 16.2289
Hunter-Lab	44.8824, 9.1650, -0.9767

Details

The CIELCh color $52, 14.823, 342.562$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 14.544, 159.341$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 14.864, 342.378$, and $32, 14.648, 341.848$ is the 20% darker color. If you saturate the color by 10%, you get $48, 22.332, 343.503$, and if you desaturate by 10%, it is $56, 7.348, 341.699$.

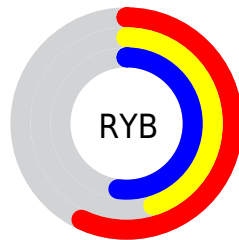
Distribution



Red (57%)

Green (45%)

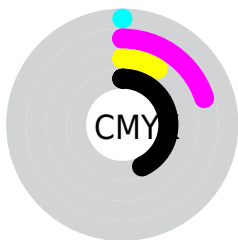
Blue (52%)



Red (57%)

Yellow (45%)

Blue (52%)

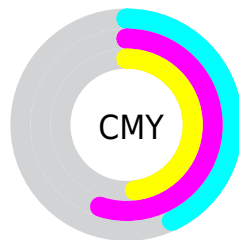


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (43%)



Cyan (43%)


Magenta (55%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 14.823, 342.562 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, 14.823, 342.562 by changing the saturation by 10% instead.


 52, 14.823,
342.562


 52, 14.823,
342.562


 100, 14.823,
342.562


 42, 14.823,
342.562


 72, 14.823,
342.562

 32, 14.823,
342.562

 82, 14.823,
342.562

 22, 14.823,
342.562

 92, 14.823,
342.562

 12, 14.823,
342.562

 2, 14.823, 342.562

 0, 14.823, 342.562

52, 14.823,
342.562

52, 14.823,
342.562

48, 22.332,
343.503

56, 7.348, 341.699

44, 29.727,
344.552

60, 0.013, 316.762

64, 7.133, 160.302

41, 36.781,
345.747

69, 14.058,
159.624

38, 43.193,
347.141

73, 20.754,
159.007

35, 48.607,
348.809

77, 27.223,
158.435

33, 52.670,
350.856


81, 33.476,
157.902

32, 55.146,
353.408

86, 39.525,
157.404

31, 56.472,

356.407

 90, 45.383,
156.939

Harmonies

Complementary

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



52, 14.823, 342.562



58, 14.544, 159.341

Rectangle

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



52, 14.823, 342.562



52, 14.823, 32.562



52, 14.823, 162.562



52, 14.823, 212.562

Sweetspot

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



52, 14.821, 342.564



73, 5.442, 341.365



51, 17.659, 307.693



38, 3.600, 341.415



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, 14.821, 342.564



64, 22.111, 342.975



52, 12.107, 15.531



28, 4.092, 341.628



29, 53.732, 356.156



1, 2.737, 340.963

Inverse Universe

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



52, 14.821, 342.564



64, 22.111, 342.975



58, 10.832, 192.547



28, 4.092, 341.628



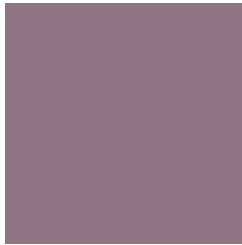
29, 53.732, 356.156



1, 2.737, 340.963

Previews

White Background



This preview shows how the CIELCh color 52, 14.823, 342.562 looks on a white background.

Color Contrast Check

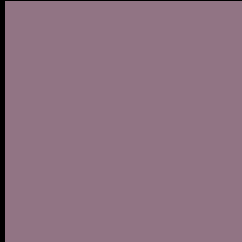
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.823, 342.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

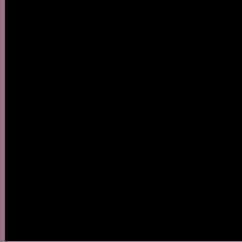
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 14.823, 342.562

Background



This preview shows how black text looks on a background with the CIELCh color 52, 14.823, 342.562.



This preview shows how white text looks on a background with the CIELCh color 52, 14.823, 342.562.

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, 14.823, 342.562

Protanopia

52, 7.557, 291.133

Deuteranopia

52, 7.534, 329.887



Tritanopia
52, 12.125, 355.482

Trichromacy



Original Color
52, 14.823, 342.562

Protanomaly
52, 9.768, 317.219

Deuteranomaly
52, 10.013, 336.545

Tritanomaly
52, 12.614, 350.669

Monochromacy



Original Color
52, 14.823, 342.562

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 5.626, 341.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 14.823, 342.562 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(145, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 132)  
}
```

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(145, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 14.823, 342.562 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(145, 116, 132) }
```

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

```
.border{ border-color:rgb(145, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 14.823, 342.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 132) }
```

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

```
.background{ background-color: rgb(145,  
116, 132) }
```

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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