

Converting Colors

CIELCh(52, 14.912, 354.178)

Have a look what the booklet for
CIELCh(52, 14.912, 354.178)
contains.

CIELCh(52, 15.051, 353.866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 15.051, 353.866)

Conversions

Conversions Part 1

Format	Color
Hex	94737F
RGB	148, 115, 127
RGB Percent	58%, 45%, 50%
CMY	0.4190, 0.5484, 0.5013
CMYK	0.00, 0.22, 0.14, 0.42
HSL	338°, 13%, 52%
HSV	338°, 22%, 58%
XYZ	22.2315, 20.1443, 22.8488
YIQ	126.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

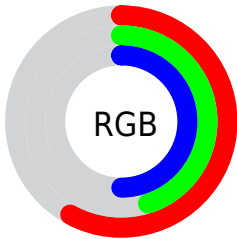
Format	Color
R_{YB}	148, 115, 127
Decimal	9728895
CIE _{Lab}	52.00, 14.96, -1.61
CIE _{LCh}	52, 15.051, 353.866
Y _{xy}	20.1443, 0.3408, 0.3088
Android (android.graphics.Color)	4287918975 (0xFF94737F)
YUV	126.2350, 0.3771, 19.0879
Hunter-Lab	44.8824, 9.8718, 1.2343

Details

The CIELCh color $52, 15.051, 353.866$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 14.323, 169.664$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.036, 352.853$, and $32, 14.906, 354.540$ is the 20% darker color. If you saturate the color by 10%, you get $48, 22.049, 355.096$, and if you desaturate by 10%, it is $56, 8.169, 352.793$.

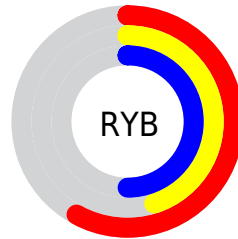
Distribution



Red (58%)

Green (45%)

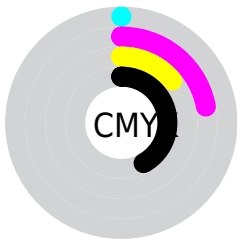
Blue (50%)



Red (58%)

Yellow (45%)

Blue (50%)

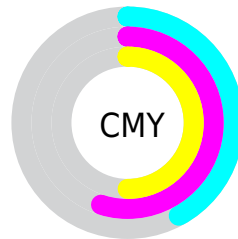


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.051, 353.866 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, 15.051, 353.866 by changing the saturation by 10% instead.


 52, 15.051,
353.866


 52, 15.051,
353.866


 100, 15.051,
353.866


 42, 15.051,
353.866


 72, 15.051,
353.866

 32, 15.051,
353.866

 82, 15.051,
353.866

 22, 15.051,
353.866

 92, 15.051,
353.866

 12, 15.051,
353.866

 2, 15.051, 353.866

 0, 15.051, 353.866

52, 15.051,
353.866

52, 15.051,
353.866

48, 22.049,
355.096

56, 8.169, 352.793

44, 29.031,
356.536

60, 1.491, 351.664

65, 4.944, 171.154

41, 35.787,
358.264

69, 11.121,
170.368

38, 42.038, 0.385

73, 17.042,
169.679

35, 47.463, 3.037

78, 22.718,
169.055

33, 51.781, 6.382

32, 54.877, 10.573

82, 28.164,
168.484

31, 56.890, 14.138

87, 33.399,
167.957

■ 91, 38.441,
167.469

Harmonies

Complementary

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



52, 15.051, 353.866



59, 14.323, 169.664

Rectangle

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



52, 15.051, 353.866



52, 15.051, 43.866



52, 15.051, 173.866



52, 15.051, 223.866

Sweetspot

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



52, 15.049, 353.869



75, 5.749, 352.270



51, 20.852, 314.510



39, 3.728, 352.322



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 15.049, 353.869



64, 22.853, 354.495



53, 12.337, 32.448



29, 3.735, 352.480



28, 53.879, 13.745



1, 3.217, 351.706

Inverse Universe

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



52, 15.049, 353.869



64, 22.853, 354.495



58, 10.635, 212.184



29, 3.735, 352.480



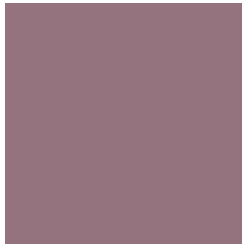
28, 53.879, 13.745



1, 3.217, 351.706

Previews

White Background



This preview shows how the CIELCh color 52, 15.051, 353.866 looks on a white background.

Color Contrast Check

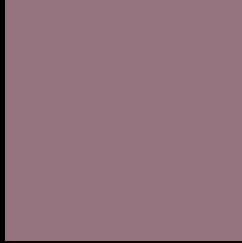
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.051, 353.866 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, 15.051, 353.866

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.051, 353.866.



This preview shows how white text looks on a background with the CIELCh color 52, 15.051, 353.866.

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, 15.051, 353.866

Protanopia

52, 5.254, 295.086

Deuteranopia

52, 6.985, 350.350



Tritanopia
52, 14.038, 359.433

Trichromacy



Original Color
52, 15.051, 353.866

Protanomaly
52, 7.803, 332.199

Deuteranomaly
52, 10.039, 353.136

Tritanomaly
52, 14.227, 357.240

Monochromacy



Original Color
52, 15.051, 353.866

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 5.367, 354.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.051, 353.866 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(148, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 127)  
}
```

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(148, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.051, 353.866 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(148, 115, 127) }
```

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

```
.border{ border-color:rgb(148, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.051, 353.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 127) }
```

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

```
.background{ background-color: rgb(148,  
115, 127) }
```

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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