

Converting Colors

CIELCh(52, 12.855, 358.904)

Have a look what the booklet for
CIELCh(52, 12.855, 358.904)
contains.

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Color

CIELCh(52, 13.272, 357.981)

Conversions

Conversions Part 1

Format	Color
Hex	92747D
RGB	146, 116, 125
RGB Percent	57%, 45%, 49%
CMY	0.4267, 0.5444, 0.5091
CMYK	0.00, 0.21, 0.14, 0.43
HSL	342°, 12%, 51%
HSV	342°, 21%, 57%
XYZ	21.8653, 20.1443, 22.1972
YIQ	125.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

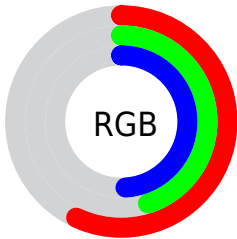
Format	Color
RYB	146, 116, 125
Decimal	9598077
CIELab	52.00, 13.26, -0.47
CIELCh	52, 13.272, 357.981
Yxy	20.1443, 0.3405, 0.3137
Android (android.graphics.Color)	4287788157 (0xFF92747D)
YUV	125.9960, -0.4910, 17.5435
Hunter-Lab	44.8824, 8.4153, 2.0950

Details

The CIELCh color $52, 13.272, 357.981$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 12.525, 174.090$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 13.335, 356.644$, and $32, 13.018, 359.048$ is the 20% darker color. If you saturate the color by 10%, you get $48, 20.045, 359.240$, and if you desaturate by 10%, it is $56, 6.678, 356.889$.

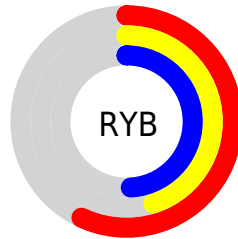
Distribution



Red (57%)

Green (45%)

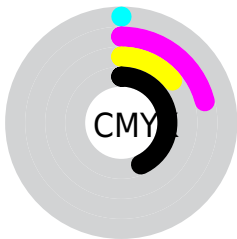
Blue (49%)



Red (57%)

Yellow (45%)

Blue (49%)

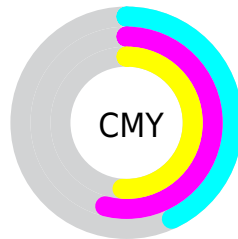


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (43%)



Cyan (43%)


Magenta (54%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 13.272, 357.981 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, 13.272, 357.981 by changing the saturation by 10% instead.


 52, 13.272,
357.981


 52, 13.272,
357.981


 100, 13.272,
357.981


 42, 13.272,
357.981


 72, 13.272,
357.981

 32, 13.272,
357.981

 82, 13.272,
357.981

 22, 13.272,
357.981

 92, 13.272,
357.981

 12, 13.272,
357.981

 2, 13.272, 357.981

 0, 13.272, 357.981

52, 13.272,
357.981

52, 13.272,
357.981

48, 20.045,
359.240

56, 6.678, 356.889

44, 26.893, 0.723

60, 0.330, 354.866

41, 33.637, 2.517

65, 5.748, 175.257

37, 40.033, 4.733

69, 11.552,
174.488

35, 45.792, 7.510

73, 17.092,
173.814

33, 50.644, 11.009


78, 22.382,
173.206

31, 54.466, 15.361

30, 57.584, 19.955

82, 27.444,
172.651

86, 32.296,
172.142

 91, 36.959,
171.672

Harmonies

Complementary

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



52, 13.272, 357.981



58, 12.525, 174.090

Rectangle

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



52, 13.272, 357.981



52, 13.272, 47.981



52, 13.272, 177.981



52, 13.272, 227.981

Sweetspot

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



52, 13.270, 357.985



74, 4.699, 356.423



52, 19.262, 316.576



39, 3.145, 356.485



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, 13.270, 357.985



64, 20.292, 358.588



53, 10.670, 39.164



29, 3.609, 356.751



28, 55.042, 19.616



1, 3.101, 355.962

Inverse Universe

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



52, 13.270, 357.985



64, 20.292, 358.588



57, 9.354, 220.250



29, 3.609, 356.751



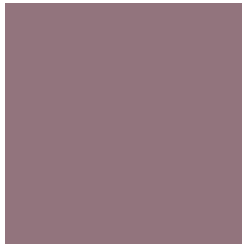
28, 55.042, 19.616



1, 3.101, 355.962

Previews

White Background



This preview shows how the CIELCh color 52, 13.272, 357.981 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, 13.272, 357.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

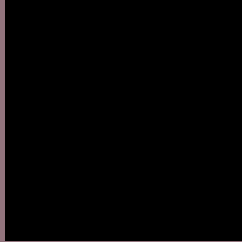
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

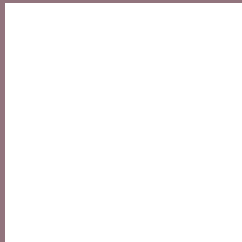
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 13.272, 357.981

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.272, 357.981.



This preview shows how white text looks on a background with the CIELCh color 52, 13.272, 357.981.

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, 13.272, 357.981

Protanopia

52, 3.589, 303.279

Deuteranopia

52, 6.895, 0.563



Tritanopia
52, 13.272, 357.981

Trichromacy



Original Color
52, 13.272, 357.981

Protanomaly
52, 6.306, 340.043

Deuteranomaly
52, 9.025, 1.785

Tritanomaly
52, 13.272, 357.981

Monochromacy



Original Color
52, 13.272, 357.981

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 5.005, 352.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.272, 357.981 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(146, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(146, 116, 125)  
}
```

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(146, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 116, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.272, 357.981 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(146, 116, 125) }
```

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

```
.border{ border-color:rgb(146, 116, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(146, 116,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.272, 357.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 116, 125) }
```

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

```
.background{ background-color: rgb(146,  
116, 125) }
```

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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