

Converting Colors

CIELCh(50, 16.718, 351.773)

Have a look what the booklet for
CIELCh(50, 16.718, 351.773)
contains.

CIELCh(50, 16.749, 352.509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(50, 16.749, 352.509)

Conversions

Conversions Part 1

Format	Color
Hex	916D7B
RGB	145, 109, 123
RGB Percent	57%, 43%, 48%
CMY	0.4310, 0.5722, 0.5173
CMYK	0.00, 0.25, 0.15, 0.43
HSL	337°, 14%, 50%
HSV	337°, 25%, 57%
XYZ	20.7545, 18.4187, 21.2316
YIQ	121.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

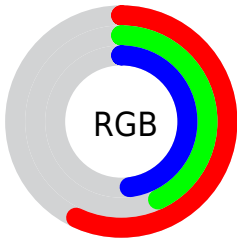
Format	Color
R_{YB}	145, 109, 123
Decimal	9530747
CIE _{Lab}	50.00, 16.61, -2.18
CIE _{LCh}	50, 16.749, 352.509
Yxy	18.4187, 0.3436, 0.3049
Android (android.graphics.Color)	4287720827 (0xFF916D7B)
YUV	121.3600, 0.8085, 20.7323
Hunter-Lab	42.9170, 11.2173, 0.7103

Details

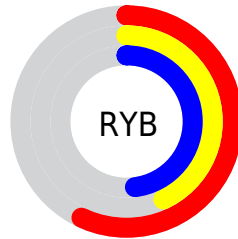
The CIELCh color $50, 16.749, 352.509$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 15.934, 167.820$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 16.387, 353.243$, and $30, 16.756, 353.242$ is the 20% darker color. If you saturate the color by 10%, you get $46, 23.697, 353.750$, and if you desaturate by 10%, it is $54, 9.868, 351.430$.

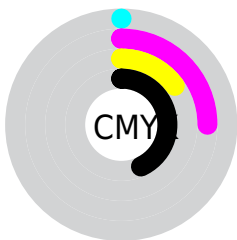
Distribution



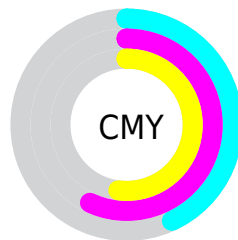
- Red (57%)
- Green (43%)
- Blue (48%)



- Red (57%)
- Yellow (43%)
- Blue (48%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (43%)





- Cyan (43%)
- Magenta (57%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 16.749, 352.509 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 50, 16.749, 352.509 by changing the saturation by 10% instead.


 50, 16.749,
352.509


 50, 16.749,
352.509


 100, 16.749,
352.509


 40, 16.749,
352.509


 70, 16.749,
352.509

 30, 16.749,
352.509


 80, 16.749,
352.509


 20, 16.749,
352.509

 90, 16.749,
352.509

 10, 16.749,
352.509

 0, 16.749, 352.509

 50, 16.749,
352.509

 50, 16.749,
352.509

46, 23.697,
353.750

54, 9.868, 351.430

42, 30.561,
355.202

58, 3.157, 350.414

39, 37.111,
356.946

62, 3.333, 169.791

36, 43.052,
359.088

67, 9.579, 168.966

34, 48.060, 1.767

71, 15.577,
168.264

32, 51.876, 5.147

75, 21.335,
167.628

31, 54.461, 9.357

80, 26.866,
167.045

30, 55.715, 11.632

84, 32.185,
166.507

88, 37.311,
166.010

Harmonies

Complementary

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



50, 16.749, 352.509



57, 15.934, 167.820

Rectangle

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



50, 16.749, 352.509



50, 16.749, 42.509



50, 16.749, 172.509



50, 16.749, 222.509

Sweetspot

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



50, 16.747, 352.512



73, 5.711, 350.660



49, 22.731, 313.533



38, 3.701, 350.710



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 16.747, 352.512



61, 25.229, 353.209



51, 14.015, 29.466



28, 3.681, 350.862



28, 52.875, 11.257



1, 2.451, 350.104

Inverse Universe

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



50, 16.747, 352.512



61, 25.229, 353.209



57, 11.858, 208.388



28, 3.681, 350.862



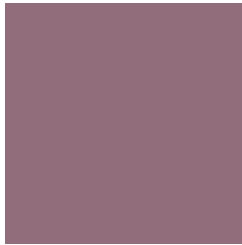
28, 52.875, 11.257



1, 2.451, 350.104

Previews

White Background



This preview shows how the CIELCh color 50, 16.749, 352.509 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 50, 16.749, 352.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

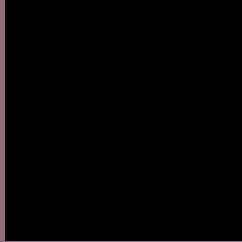
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 16.749, 352.509

Background



This preview shows how black text looks on a background with the CIELCh color 50, 16.749, 352.509.



This preview shows how white text looks on a background with the CIELCh color 50, 16.749, 352.509.

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


50, 16.749, 352.509

Protanopia

50, 6.460, 294.464

Deuteranopia

50, 7.001, 344.485



Tritanopia
50, 15.198, 3.563

Trichromacy



Original Color
50, 16.749, 352.509

Protanomaly
50, 8.756, 327.116

Deuteranomaly
50, 10.375, 350.301

Tritanomaly
50, 15.507, 359.416

Monochromacy



Original Color
50, 16.749, 352.509

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.029, 351.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 16.749, 352.509 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, 109, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 109, 123)  
}
```

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, 109, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 109, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 16.749, 352.509 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, 109, 123) }
```

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

```
.border{ border-color:rgb(145, 109, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 109, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 109, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 109, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 109,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 16.749, 352.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 109, 123) }
```

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

```
.background{ background-color: rgb(145,  
109, 123) }
```

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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