

Converting Colors

CIELCh(50, 18.902, 351.616)

Have a look what the booklet for
CIELCh(50, 18.902, 351.616)
contains.

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Color

CIELCh(50, 18.692, 352.059)

Conversions

Conversions Part 1

Format	Color
Hex	946C7C
RGB	148, 108, 124
RGB Percent	58%, 42%, 49%
CMY	0.4203, 0.5771, 0.5144
CMYK	0.00, 0.27, 0.16, 0.42
HSL	336°, 16%, 50%
HSV	336°, 27%, 58%
XYZ	21.1513, 18.4187, 21.4513
YIQ	121.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

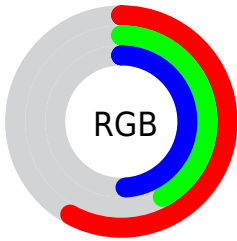
Format	Color
R_{YB}	148, 108, 124
Decimal	9727100
CIE Lab	50.00, 18.51, -2.58
CIE LCh	50, 18.692, 352.059
Yxy	18.4187, 0.3466, 0.3018
Android (android.graphics.Color)	4287917180 (0xFF946C7C)
YUV	121.7840, 1.0925, 22.9914
Hunter-Lab	42.9170, 12.8677, 0.4067

Details

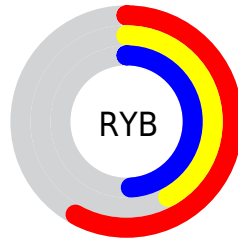
The CIELCh color $50, 18.692, 352.059$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 17.744, 166.897$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 18.565, 353.244$, and $30, 18.817, 352.899$ is the 20% darker color. If you saturate the color by 10%, you get $46, 25.769, 353.328$, and if you desaturate by 10%, it is $54, 11.644, 350.959$.

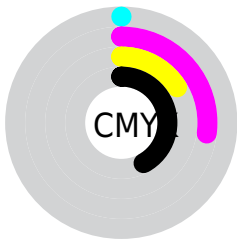
Distribution



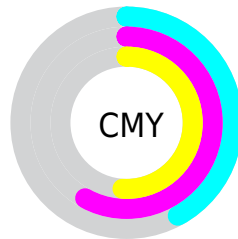
- Red (58%)
- Green (42%)
- Blue (49%)



- Red (58%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 18.692, 352.059 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, 18.692, 352.059 by changing the saturation by 10% instead.


 50, 18.692,
352.059


 50, 18.692,
352.059


 100, 18.692,
352.059


 40, 18.692,
352.059


 70, 18.692,
352.059

 30, 18.692,
352.059


 80, 18.692,
352.059


 20, 18.692,
352.059

 90, 18.692,
352.059

 10, 18.692,
352.059

 0, 18.692, 352.059

 50, 18.692,
352.059

 50, 18.692,
352.059

46, 25.769,
353.328

54, 11.644,
350.959

42, 32.702,
354.819

58, 4.745, 349.956

39, 39.238,
356.615

63, 1.944, 169.356

67, 8.391, 168.446

36, 45.061,
358.828

71, 14.588,
167.727

34, 49.841, 1.603

76, 20.540,
167.079

32, 53.343, 5.107

80, 26.258,
166.485

31, 55.687, 9.387

31, 56.386, 10.661

84, 31.758,
165.938

89, 37.058,
165.431

Harmonies

Complementary

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



50, 18.692, 352.059



58, 17.744, 166.897

Rectangle

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



50, 18.692, 352.059



50, 18.692, 42.059



50, 18.692, 172.059



50, 18.692, 222.059

Sweetspot

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



50, 18.690, 352.061



73, 6.653, 350.067



49, 25.216, 313.637



38, 4.776, 350.206



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 18.690, 352.061



61, 27.399, 352.746



51, 15.656, 29.601



29, 3.816, 350.170



29, 53.521, 10.298



1, 3.291, 349.411

Inverse Universe

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



50, 18.690, 352.061



61, 27.399, 352.746



57, 13.020, 208.392



29, 3.816, 350.170



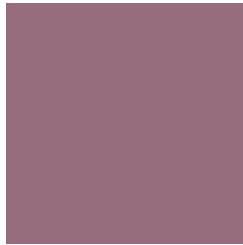
29, 53.521, 10.298



1, 3.291, 349.411

Previews

White Background



This preview shows how the CIELCh color 50, 18.692, 352.059 looks on a white background.

Color Contrast Check

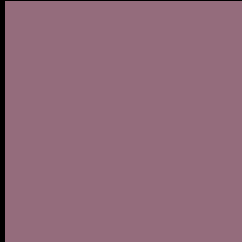
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.692, 352.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

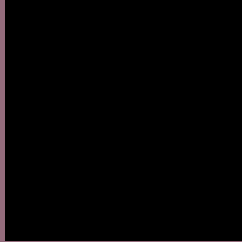
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 18.692, 352.059

Background



This preview shows how black text looks on a background with the CIELCh color 50, 18.692, 352.059.



This preview shows how white text looks on a background with the CIELCh color 50, 18.692, 352.059.

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, 18.692, 352.059

Protanopia

50, 7.028, 291.094

Deuteranopia

50, 6.333, 346.568



Tritanopia
50, 16.436, 5.129

Trichromacy



Original Color
50, 18.692, 352.059

Protanomaly
50, 10.169, 326.898

Deuteranomaly
50, 11.007, 348.797

Tritanomaly
50, 16.704, 1.252

Monochromacy



Original Color
50, 18.692, 352.059

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.665, 348.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 18.692, 352.059 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, 108, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 108, 124)  
}
```

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, 108, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 108, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 18.692, 352.059 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, 108, 124) }
```

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

```
.border{ border-color:rgb(148, 108, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 108, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 108, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 108, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 108,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 18.692, 352.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 108, 124) }
```

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

```
.background{ background-color: rgb(148,  
108, 124) }
```

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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