

Converting Colors

CIELCh(50, 21.477, 350.219)

Have a look what the booklet for
CIELCh(50, 21.477, 350.219)
contains.

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Color

CIELCh(50, 21.509, 349.616)

Conversions

Conversions Part 1

Format	Color
Hex	976A7E
RGB	151, 106, 126
RGB Percent	59%, 42%, 49%
CMY	0.4075, 0.5840, 0.5056
CMYK	0.00, 0.30, 0.17, 0.41
HSL	333°, 18%, 50%
HSV	333°, 30%, 59%
XYZ	21.7098, 18.4187, 22.1752
YIQ	121.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

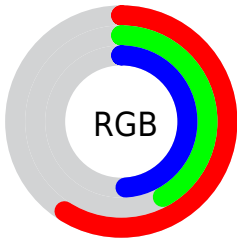
Format	Color
R_{YB}	151, 106, 126
Decimal	9923198
CIE _{Lab}	50.00, 21.16, -3.88
CIE _{LCh}	50, 21.509, 349.616
Yxy	18.4187, 0.3485, 0.2956
Android (android.graphics.Color)	4288113278 (0xFF976A7E)
YUV	121.7350, 2.1026, 25.6654
Hunter-Lab	42.9170, 15.1908, -0.5933

Details

The CIELCh color $50, 21.509, 349.616$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 20.520, 163.994$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 21.477, 349.371$, and $30, 21.404, 349.664$ is the 20% darker color. If you saturate the color by 10%, you get $46, 28.802, 350.865$, and if you desaturate by 10%, it is $54, 14.166, 348.530$.

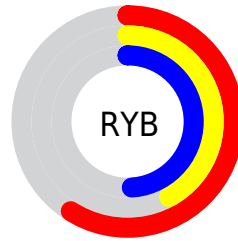
Distribution



Red (59%)

Green (42%)

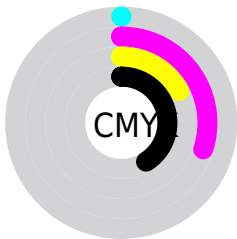
Blue (49%)



Red (59%)

Yellow (42%)

Blue (49%)

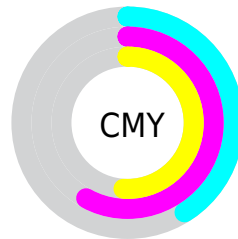


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (41%)



Cyan (41%)


Magenta (58%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 21.509, 349.616 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, 21.509, 349.616 by changing the saturation by 10% instead.


 50, 21.509,
349.616


 50, 21.509,
349.616


 100, 21.509,
349.616


 40, 21.509,
349.616


 70, 21.509,
349.616

 30, 21.509,
349.616


 80, 21.509,
349.616


 20, 21.509,
349.616

 90, 21.509,
349.616

 10, 21.509,
349.616

 0, 21.509, 349.616

 50, 21.509,
349.616

 50, 21.509,
349.616

46, 28.802,
350.865

54, 14.166,
348.530

43, 35.839,
352.329

58, 6.921, 347.550

39, 42.327,
354.088

63, 0.143, 169.166

67, 6.981, 166.022

37, 47.919,
356.253

71, 13.574,
165.293

34, 52.276,
358.965

76, 19.920,
164.638

33, 55.191, 2.389

80, 26.028,
164.037

32, 57.083, 6.434

85, 31.912,
163.481

32, 57.126, 6.520

89, 37.587,
162.966

Harmonies

Complementary

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



50, 21.509, 349.616



59, 20.520, 163.994

Rectangle

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



50, 21.509, 349.616



50, 21.509, 39.616



50, 21.509, 169.616



50, 21.509, 219.616

Sweetspot

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



50, 21.507, 349.618



74, 7.874, 347.492



49, 28.084, 312.129



39, 5.525, 347.621



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



50, 21.507, 349.618



61, 32.266, 350.463



50, 18.524, 25.605



30, 4.035, 347.498



29, 54.110, 6.174



1, 4.286, 347.192

Inverse Universe

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



50, 21.507, 349.618



61, 32.266, 350.463



59, 15.119, 202.926



30, 4.035, 347.498



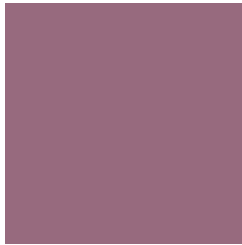
29, 54.110, 6.174



1, 4.286, 347.192

Previews

White Background



This preview shows how the CIE LCh color 50, 21.509, 349.616 looks on a white background.

Color Contrast Check

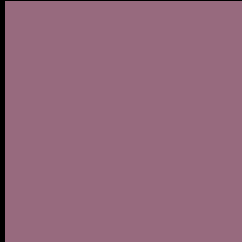
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.509, 349.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

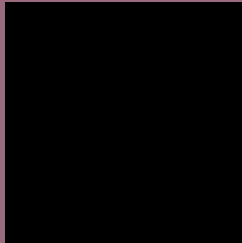
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 21.509, 349.616

Background



This preview shows how black text looks on a background with the CIELCh color 50, 21.509, 349.616.



This preview shows how white text looks on a background with the CIELCh color 50, 21.509, 349.616.

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, 21.509, 349.616

Protanopia

50, 9.369, 289.067

Deuteranopia

50, 6.738, 336.263



Tritanopia
50, 18.100, 6.928

Trichromacy



Original Color
50, 21.509, 349.616

Protanomaly
50, 11.618, 321.795

Deuteranomaly
50, 12.305, 342.866

Tritanomaly
50, 19.196, 358.830

Monochromacy



Original Color
50, 21.509, 349.616

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.013, 349.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 21.509, 349.616 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(151, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 106, 126)  
}
```

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(151, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 106, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 21.509, 349.616 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(151, 106, 126) }
```

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

```
.border{ border-color:rgb(151, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 106,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 21.509, 349.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 106, 126) }
```

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

```
.background{ background-color: rgb(151,  
106, 126) }
```

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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