

Converting Colors

CIELCh(50, 18.883, 5.092)

Have a look what the booklet for
CIELCh(50, 18.883, 5.092) contains.

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Color

CIELCh(50, 19.152, 4.329)

Conversions

Conversions Part 1

Format	Color
Hex	976B75
RGB	151, 107, 117
RGB Percent	59%, 42%, 46%
CMY	0.4073, 0.5799, 0.5407
CMYK	0.00, 0.29, 0.23, 0.41
HSL	346°, 17%, 51%
HSV	346°, 29%, 59%
XYZ	21.2740, 18.4187, 19.3001
YIQ	121.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

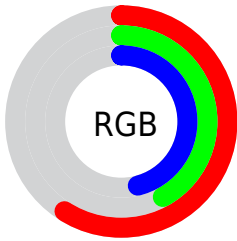
Format	Color
R_{YB}	151, 107, 117
Decimal	9923445
CIE _{Lab}	50.00, 19.10, 1.45
CIE _{LCh}	50, 19.152, 4.329
Yxy	18.4187, 0.3606, 0.3122
Android (android.graphics.Color)	4288113525 (0xFF976B75)
YUV	121.2960, -2.1179, 26.0504
Hunter-Lab	42.9170, 13.3779, 3.3787

Details

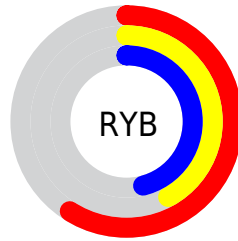
The CIELCh color $50, 19.152, 4.329$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 17.190, 178.510$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 19.008, 4.650$, and $30, 19.175, 4.077$ is the 20% darker color. If you saturate the color by 10%, you get $46, 26.157, 5.845$, and if you desaturate by 10%, it is $54, 12.314, 3.068$.

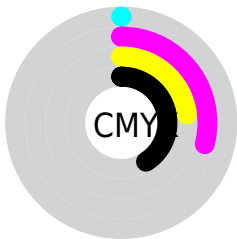
Distribution



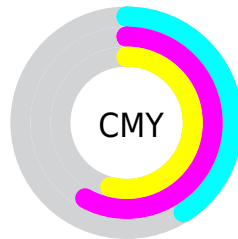
- Red (59%)
- Green (42%)
- Blue (46%)



- Red (59%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (41%)















- Cyan (41%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 19.152, 4.329 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, 19.152, 4.329 by changing the saturation by 10% instead.

 50, 19.152, 4.329	 50, 19.152, 4.329
 100, 19.152, 4.329	 40, 19.152, 4.329
 70, 19.152, 4.329	 30, 19.152, 4.329
 80, 19.152, 4.329	 20, 19.152, 4.329
 90, 19.152, 4.329	 10, 19.152, 4.329
	 0, 19.152, 4.329

 50, 19.152, 4.329	 50, 19.152, 4.329
 46, 26.157, 5.845	 54, 12.314, 3.068
 42, 33.183, 7.694	 58, 5.737, 1.970
 39, 40.010, 9.997	 63, 0.537, 181.887

36, 46.367, 12.893

67, 6.498, 180.393

34, 52.000, 16.531

72, 12.152,
179.659

32, 56.770, 20.998

76, 17.518,
179.019

31, 60.970, 25.965

31, 61.360, 26.373

81, 22.618,
178.445

85, 27.477,
177.927

90, 32.117,
177.454

Harmonies

Complementary

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



50, 19.152, 4.329



59, 17.190, 178.510

Rectangle

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



50, 19.152, 4.329



50, 19.152, 54.329



50, 19.152, 184.329



50, 19.152, 234.329

Sweetspot

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



50, 19.150, 4.333



74, 7.011, 1.976



50, 28.669, 319.039



39, 4.926, 2.120



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, 19.150, 4.333



61, 28.823, 5.295



53, 15.597, 46.201



30, 3.593, 1.982



29, 57.931, 25.963



1, 3.795, 1.481

Inverse Universe

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



50, 19.150, 4.333



61, 28.823, 5.295



56, 13.019, 229.740



30, 3.593, 1.982



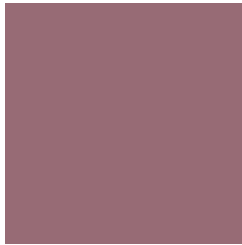
29, 57.931, 25.963



1, 3.795, 1.481

Previews

White Background



This preview shows how the CIELCh color 50, 19.152, 4.329 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, 19.152, 4.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

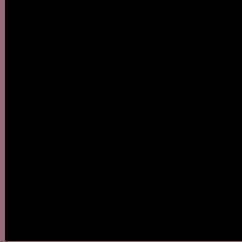
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 19.152, 4.329

Background



This preview shows how black text looks on a background with the CIELCh color 50, 19.152, 4.329.



This preview shows how white text looks on a background with the CIELCh color 50, 19.152, 4.329.

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, 19.152, 4.329

Protanopia

50, 2.960, 298.255

Deuteranopia

50, 7.042, 15.448



Tritanopia
50, 19.044, 6.026

Trichromacy



Original Color
50, 19.152, 4.329

Protanomaly
50, 7.394, 352.034

Deuteranomaly
50, 11.444, 9.083

Tritanomaly
50, 19.044, 6.026

Monochromacy



Original Color
50, 19.152, 4.329

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 6.937, 0.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 19.152, 4.329 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, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(151, 107, 117)  
}
```

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, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 107, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 19.152, 4.329 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, 107, 117) }
```

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

```
.border{ border-color:rgb(151, 107, 117) }
```

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

Here you see how a box with a 4 pixel rgb(151, 107, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(151, 107,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 19.152, 4.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 107, 117) }
```

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

```
.background{ background-color: rgb(151,  
107, 117) }
```

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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