

Converting Colors

CIELCh(57, 22.316, 349.873)

Have a look what the booklet for
CIELCh(57, 22.316, 349.873)
contains.

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Color

CIELCh(57, 22.316, 349.873)

Conversions

Conversions Part 1

Format	Color
Hex	AB7B90
RGB	171, 123, 144
RGB Percent	67%, 48%, 56%
CMY	0.3285, 0.5168, 0.4344
CMYK	0.00, 0.28, 0.16, 0.33
HSL	334°, 22%, 58%
HSV	334°, 28%, 67%
XYZ	29.0043, 24.9227, 29.7545
YIQ	139.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

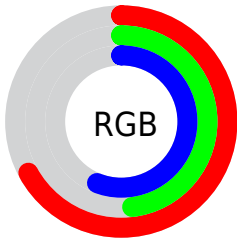
Format	Color
R_{YB}	171, 123, 144
Decimal	11238288
CIE _{Lab}	57.00, 21.97, -3.92
CIE _{LCh}	57, 22.316, 349.873
Yxy	24.9227, 0.3466, 0.2978
Android (android.graphics.Color)	4289428368 (0xFFAB7B90)
YUV	139.7460, 2.0972, 27.4098
Hunter-Lab	49.9226, 16.3411, -0.3918

Details

The CIELCh color $57, 22.316, 349.873$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 21.307, 164.550$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 22.312, 349.666$, and $37, 22.165, 349.797$ is the 20% darker color. If you saturate the color by 10%, you get $53, 30.391, 351.121$, and if you desaturate by 10%, it is $62, 14.219, 348.787$.

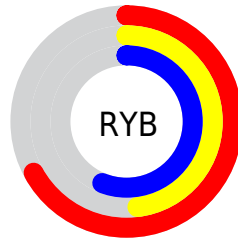
Distribution



Red (67%)

Green (48%)

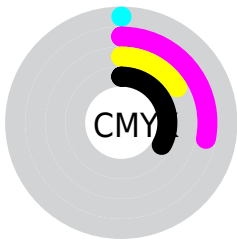
Blue (56%)



Red (67%)

Yellow (48%)

Blue (56%)

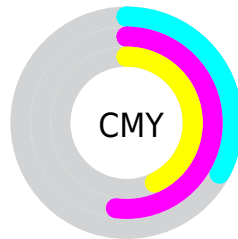


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 22.316, 349.873 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 57, 22.316, 349.873 by changing the saturation by 10% instead.


 57, 22.316,
349.873


 57, 22.316,
349.873


 100, 22.316,
349.873


 47, 22.316,
349.873


 77, 22.316,
349.873


 37, 22.316,
349.873

 87, 22.316,
349.873

 27, 22.316,
349.873

 97, 22.316,
349.873

 17, 22.316,
349.873

 7, 22.316, 349.873

 0, 22.316, 349.873

57, 22.316,
349.873

57, 22.316,
349.873

53, 30.391,
351.121

62, 14.219,
348.787

49, 38.225,
352.584

66, 6.254, 347.801

45, 45.499,
354.342

71, 1.494, 167.265

76, 8.982, 166.281

42, 51.828,
356.507

81, 16.193,
165.559

39, 56.828,
359.225

86, 23.128,
164.907


38, 60.243, 2.664

91, 29.800,
164.309

37, 62.262, 6.884

94, 33.367,
165.971

36, 62.652, 7.729

 94, 30.597,
173.523

Harmonies

Complementary

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



57, 22.316, 349.873



66, 21.307, 164.550

Rectangle

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



57, 22.316, 349.873



57, 22.316, 39.873



57, 22.316, 169.873



57, 22.316, 219.873

Sweetspot

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



57, 22.314, 349.875



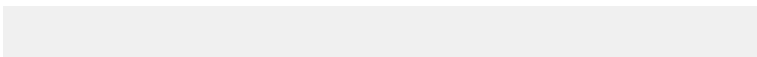
84, 7.684, 347.811



56, 29.235, 312.058



44, 5.516, 347.954



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 22.314, 349.875



69, 33.516, 350.671



57, 19.203, 25.471



34, 4.458, 347.925



32, 56.954, 7.166



2, 8.838, 352.144

Inverse Universe

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



57, 22.314, 349.875



69, 33.516, 350.671



66, 15.849, 202.956



34, 4.458, 347.925



32, 56.954, 7.166



2, 8.838, 352.144

Previews

White Background



This preview shows how the CIELCh color 57, 22.316, 349.873 looks on a white background.

Color Contrast Check

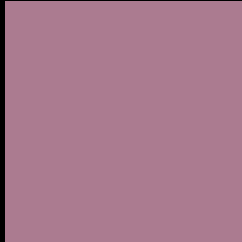
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 22.316, 349.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

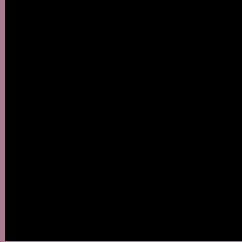
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 22.316, 349.873

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.316, 349.873.



This preview shows how white text looks on a background with the CIELCh color 57, 22.316, 349.873.

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
57, 22.316, 349.873

Protanopia
57, 9.134, 288.909

Deuteranopia
57, 7.831, 339.341



Tritanopia
57, 18.939, 6.041

Trichromacy



Original Color
57, 22.316, 349.873

Protanomaly
57, 12.234, 323.533

Deuteranomaly
57, 13.294, 344.083

Tritanomaly
57, 20.046, 358.514

Monochromacy



Original Color
57, 22.316, 349.873

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.108, 346.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.316, 349.873 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(171, 123, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 123, 144)  
}
```

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(171, 123, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.316, 349.873 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(171, 123, 144) }
```

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

```
.border{ border-color:rgb(171, 123, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 123, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 123, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 123, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 123,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.316, 349.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 144) }
```

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

```
.background{ background-color: rgb(171,  
123, 144) }
```

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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