

Converting Colors

CIELCh(57, 12.964, 342.965)

Have a look what the booklet for
CIELCh(57, 12.964, 342.965)
contains.

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Color

CIELCh(57, 12.964, 342.965)

Conversions

Conversions Part 1

Format	Color
Hex	9C8290
RGB	156, 130, 144
RGB Percent	61%, 51%, 56%
CMY	0.3895, 0.4914, 0.4365
CMYK	0.00, 0.17, 0.08, 0.39
HSL	328°, 12%, 56%
HSV	328°, 17%, 61%
XYZ	26.5994, 24.9227, 29.6680
YIQ	139.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

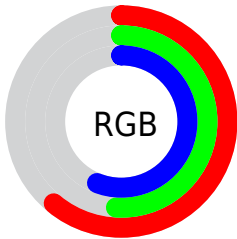
Format	Color
R _Y B	156, 130, 144
Decimal	10257040
CIE Lab	57.00, 12.40, -3.80
CIE LCh	57, 12.964, 342.965
Yxy	24.9227, 0.3276, 0.3070
Android (android.graphics.Color)	4288447120 (0xFF9C8290)
YUV	139.3700, 2.2826, 14.5845
Hunter-Lab	49.9226, 7.7426, -0.2890

Details

The CIELCh color $57, 12.964, 342.965$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 12.742, 160.290$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.138, 342.835$, and $37, 12.932, 343.280$ is the 20% darker color. If you saturate the color by 10%, you get $53, 20.866, 343.901$, and if you desaturate by 10%, it is $61, 5.144, 342.093$.

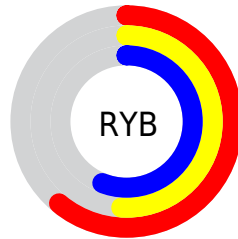
Distribution



Red (61%)

Green (51%)

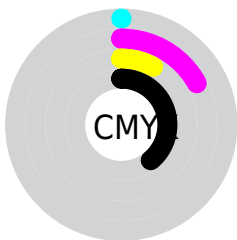
Blue (56%)



Red (61%)

Yellow (51%)

Blue (56%)

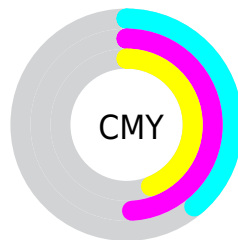


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (39%)



Cyan (39%)


Magenta (49%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 12.964, 342.965 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, 12.964, 342.965 by changing the saturation by 10% instead.


 57, 12.964,
342.965


 57, 12.964,
342.965


 100, 12.964,
342.965


 47, 12.964,
342.965


 77, 12.964,
342.965

 37, 12.964,
342.965

 87, 12.964,
342.965

 27, 12.964,
342.965

 97, 12.964,
342.965

 17, 12.964,
342.965

 7, 12.964, 342.965

 0, 12.964, 342.965

57, 12.964,
342.965

57, 12.964,
342.965

53, 20.866,
343.901

61, 5.144, 342.093

49, 28.712,
344.940

66, 2.501, 161.522

45, 36.288,
346.122

70, 9.927, 160.722

42, 43.296,
347.498

75, 17.112,
160.058

39, 49.370,
349.141

79, 24.052,
159.449

36, 54.123,
351.152

84, 30.754,
158.884

35, 57.255,
353.661


88, 37.229,
158.358

34, 58.787,

93, 43.492,
157.867

356.771

 93, 41.393,
161.384

 33, 59.217,
357.843

Harmonies

Complementary

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



57, 12.964, 342.965



62, 12.742, 160.290

Rectangle

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



57, 12.964, 342.965



57, 12.964, 32.965



57, 12.964, 162.965



57, 12.964, 212.965

Sweetspot

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



57, 12.962, 342.967



78, 4.734, 341.947



56, 15.591, 308.097



41, 3.258, 342.008



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 12.962, 342.967



70, 19.217, 343.302



57, 10.588, 16.528



31, 4.414, 342.318



30, 55.650, 357.534



1, 5.608, 343.075

Inverse Universe

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



57, 12.962, 342.967



70, 19.217, 343.302



62, 9.622, 194.212



31, 4.414, 342.318



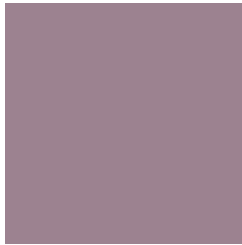
30, 55.650, 357.534



1, 5.608, 343.075

Previews

White Background



This preview shows how the CIELCh color 57, 12.964, 342.965 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, 12.964, 342.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

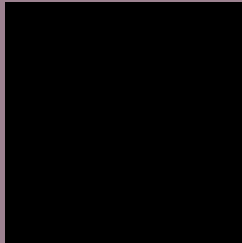
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 12.964, 342.965

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.964, 342.965.



This preview shows how white text looks on a background with the CIELCh color 57, 12.964, 342.965.

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, 12.964, 342.965

Protanopia
57, 6.852, 290.987

Deuteranopia
57, 7.933, 334.305



Tritanopia
57, 11.437, 350.870

Trichromacy



Original Color
57, 12.964, 342.965

Protanomaly
57, 7.718, 317.614

Deuteranomaly
57, 9.463, 338.968

Tritanomaly
57, 11.711, 348.426

Monochromacy



Original Color
57, 12.964, 342.965

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.554, 341.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.964, 342.965 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(156, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 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(156, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.964, 342.965 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(156, 130, 144) }
```

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

```
.border{ border-color:rgb(156, 130, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.964, 342.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 144) }
```

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

```
.background{ background-color: rgb(156,  
130, 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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