

Converting Colors

CIELCh(64, 16.156, 101.138)

Have a look what the booklet for
CIELCh(64, 16.156, 101.138)
contains.

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Color

CIELCh(64, 16.175, 101.124)

Conversions

Conversions Part 1

Format	Color
Hex	A19C7F
RGB	161, 156, 127
RGB Percent	63%, 61%, 50%
CMY	0.3693, 0.3889, 0.5026
CMYK	0.00, 0.03, 0.21, 0.37
HSL	51°, 15%, 56%
HSV	51°, 21%, 63%
XYZ	30.3382, 32.8017, 24.7508
YIQ	154.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

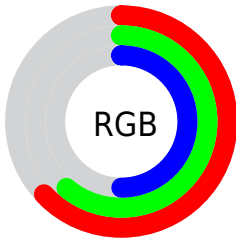
Format	Color
RYB	133, 161, 127
Decimal	10591359
CIELab	64.00, -3.12, 15.87
CIELCh	64, 16.175, 101.124
Yxy	32.8017, 0.3452, 0.3732
Android (android.graphics.Color)	4288781439 (0xFFA19C7F)
YUV	154.1890, -13.4042, 5.9732
Hunter-Lab	57.2727, -5.6733, 14.4683

Details

The CIELCh color $64, 16.175, 101.124$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 16.687, 286.026$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 15.888, 100.470$, and $44, 16.105, 101.426$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.820, 100.018$, and if you desaturate by 10%, it is $65, 8.509, 102.217$.

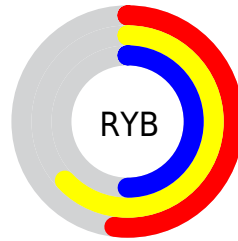
Distribution



Red (63%)

Green (61%)

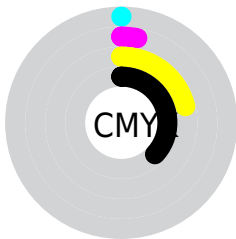
Blue (50%)



Red (52%)

Yellow (63%)

Blue (50%)

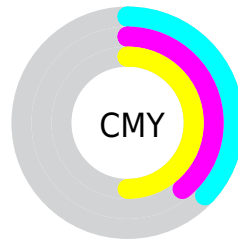


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (37%)



Cyan (37%)


Magenta (39%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 16.175, 101.124 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 64, 16.175, 101.124 by changing the saturation by 10% instead.

 64, 16.175,
101.124


 64, 16.175,
101.124


 100, 16.175,
101.124


 54, 16.175,
101.124


 84, 16.175,
101.124


 44, 16.175,
101.124


 94, 16.175,
101.124

 34, 16.175,
101.124

 24, 16.175,
101.124

 14, 16.175,
101.124

 4, 16.175, 101.124

 0, 16.175, 101.124

64, 16.175,
101.124

64, 16.175,
101.124

63, 23.820,
100.018

65, 8.509, 102.217

62, 31.369, 98.894

66, 0.859, 103.168

61, 38.707, 97.768

67, 6.750, 284.342

60, 45.639, 96.653

68, 14.305,
285.324

60, 51.862, 95.556

69, 21.798,
286.270

59, 56.944, 94.479

71, 29.227,
287.172

58, 60.385, 93.408

58, 62.243, 92.455

72, 36.589,
288.030

73, 43.628,
288.781

■ 74, 42.323,
287.497

Harmonies

Complementary

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



64, 16.175, 101.124



56, 16.687, 286.026

Rectangle

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



64, 16.175, 101.124



64, 16.175, 151.124



64, 16.175, 281.124



64, 16.175, 331.124

Sweetspot

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



64, 16.176, 101.130



83, 5.667, 102.746



56, 14.110, 9.167



44, 3.752, 102.684



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 16.176, 101.130



81, 23.695, 100.650



64, 19.366, 122.558



34, 4.372, 102.415



52, 57.838, 92.554



4, 6.532, 101.215

Inverse Universe

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



56, 16.687, 286.026



68, 24.618, 286.673



55, 20.105, 304.879



32, 4.436, 284.469



18, 79.901, 303.545



1, 6.918, 284.145

Previews

White Background



This preview shows how the CIELCh color 64, 16.175, 101.124 looks on a white background.

Color Contrast Check

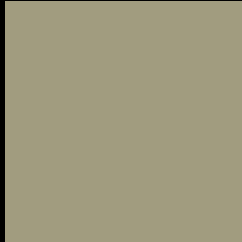
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 16.175, 101.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

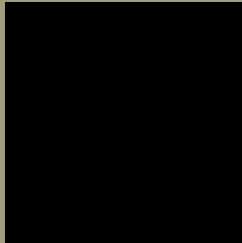
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

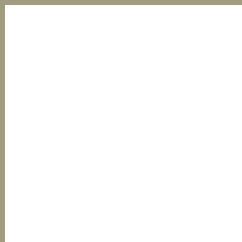
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 16.175, 101.124

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.175, 101.124.



This preview shows how white text looks on a background with the CIELCh color 64, 16.175, 101.124.

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


64, 16.175, 101.124

Protanopia

64, 16.489, 95.381

Deuteranopia

64, 17.249, 62.364



Tritanopia
64, 8.591, 329.076

Trichromacy



Original Color
64, 16.175, 101.124

Protanomaly
64, 16.399, 96.796

Deuteranomaly
64, 15.536, 74.643

Tritanomaly
64, 4.244, 42.730

Monochromacy



Original Color
64, 16.175, 101.124

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.119, 105.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.175, 101.124 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(161, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 127)  
}
```

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(161, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.175, 101.124 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(161, 156, 127) }
```

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

```
.border{ border-color:rgb(161, 156, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.175, 101.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 127) }
```

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

```
.background{ background-color: rgb(161,  
156, 127) }
```

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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