

Converting Colors

CIELCh(64, 16.970, 38.048)

Have a look what the booklet for
CIELCh(64, 16.970, 38.048) contains.

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Color

CIELCh(64, 16.869, 37.903)

Conversions

Conversions Part 1

Format	Color
Hex	B99289
RGB	185, 146, 137
RGB Percent	73%, 57%, 54%
CMY	0.2734, 0.4264, 0.4617
CMYK	0.00, 0.21, 0.26, 0.27
HSL	11°, 26%, 63%
HSV	11°, 26%, 73%
XYZ	34.9285, 32.8017, 28.2550
YIQ	156.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

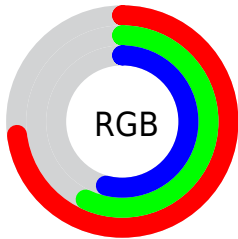
Format	Color
RYB	185, 148, 137
Decimal	12161673
CIELab	64.00, 13.31, 10.36
CIELCh	64, 16.869, 37.903
Yxy	32.8017, 0.3639, 0.3417
Android (android.graphics.Color)	4290351753 (0xFFB99289)
YUV	156.6350, -9.6801, 24.8761
Hunter-Lab	57.2727, 8.6332, 10.8408

Details

The CIELCh color **64, 16.869, 37.903** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 14.152, 218.974**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 17.033, 38.359**, and **44, 16.999, 37.477** is the 20% darker color. If you saturate the color by 10%, you get **60, 24.367, 38.125**, and if you desaturate by 10%, it is **68, 9.939, 37.840**.

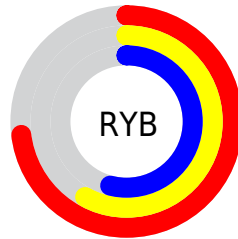
Distribution



Red (73%)

Green (57%)

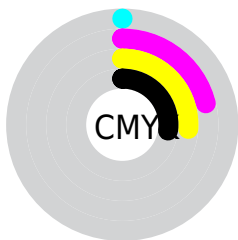
Blue (54%)



Red (73%)

Yellow (58%)

Blue (54%)

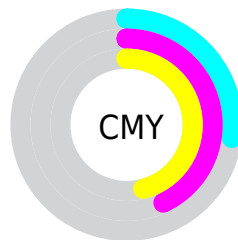


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 16.869, 37.903 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, 16.869, 37.903 by changing the saturation by 10% instead.

64, 16.869, 37.903

64, 16.869, 37.903

100, 16.869,
37.903

54, 16.869, 37.903

84, 16.869, 37.903

44, 16.869, 37.903

94, 16.869, 37.903

34, 16.869, 37.903

24, 16.869, 37.903

14, 16.869, 37.903

4, 16.869, 37.903

0, 16.869, 37.903

64, 16.869, 37.903

64, 16.869, 37.903

60, 24.367, 38.125

68, 9.939, 37.840

56, 32.445, 38.532

73, 3.547, 37.818

52, 41.071, 39.168

77, 2.356, 218.345

49, 50.137, 40.053

82, 7.817, 218.421

46, 59.398, 41.141

86, 12.888,
218.672

43, 68.304, 42.220

91, 17.616,
218.972

41, 75.709, 42.769

40, 78.467, 43.127

95, 21.398,
202.777

96, 22.478,
198.032

Harmonies

Complementary

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



64, 16.869, 37.903



69, 14.152, 218.974

Rectangle

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



64, 16.869, 37.903



64, 16.869, 87.903



64, 16.869, 217.903



64, 16.869, 267.903

Sweetspot

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



64, 16.868, 37.911



90, 5.965, 37.834



63, 28.205, 331.558



47, 4.262, 37.837



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 16.868, 37.911



78, 25.456, 38.010



70, 18.930, 89.176



37, 3.418, 37.837



34, 68.530, 43.340



3, 9.393, 32.457

Inverse Universe

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



69, 14.152, 218.974



86, 20.448, 219.315



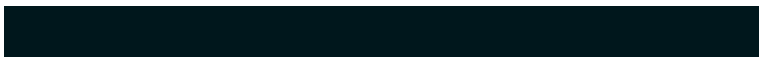
63, 18.918, 276.232



38, 3.225, 218.350



49, 30.195, 232.316



6, 8.569, 227.255

Previews

White Background



This preview shows how the CIELCh color 64, 16.869, 37.903 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, 16.869, 37.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

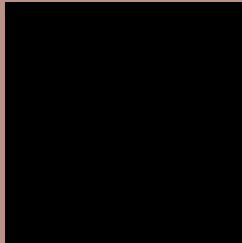
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.869, 37.903

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.869, 37.903.



This preview shows how white text looks on a background with the CIELCh color 64, 16.869, 37.903.

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, 16.869, 37.903

Protanopia

64, 7.589, 91.050

Deuteranopia

64, 13.250, 53.010



Tritanopia
64, 17.954, 1.480

Trichromacy



Original Color
64, 16.869, 37.903

Protanomaly
64, 9.876, 62.099

Deuteranomaly
64, 14.416, 47.732

Tritanomaly
64, 16.509, 13.378

Monochromacy



Original Color
64, 16.869, 37.903

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 5.743, 36.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.869, 37.903 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(185, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 137)  
}
```

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(185, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.869, 37.903 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(185, 146, 137) }
```

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

```
.border{ border-color:rgb(185, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 146, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 146, 137); box-shadow:4px 4px 4px 4px rgb(185, 146, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.869, 37.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 137) }
```

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

```
.background{ background-color: rgb(185,  
146, 137) }
```

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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