

Converting Colors

CIELCh(64, 37.141, 74.703)

Have a look what the booklet for
CIELCh(64, 37.141, 74.703) contains.

CIELCh(64, 37.141, 74.703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 37.141, 74.703)

Conversions

Conversions Part 1

Format	Color
Hex	BF935B
RGB	191, 147, 91
RGB Percent	75%, 58%, 36%
CMY	0.2500, 0.4227, 0.6423
CMYK	0.00, 0.23, 0.52, 0.25
HSL	34°, 44%, 55%
HSV	34°, 52%, 75%
XYZ	33.9110, 32.8017, 14.4885
YIQ	153.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

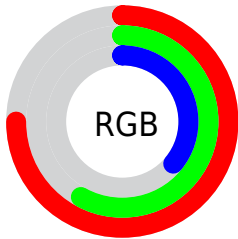
Format	Color
RYB	170, 191, 91
Decimal	12555099
CIELab	64.00, 9.80, 35.83
CIElCh	64, 37.141, 74.703
Yxy	32.8017, 0.4176, 0.4040
Android (android.graphics.Color)	4290745179 (0xFFBF935B)
YUV	153.7720, -30.9466, 32.6490
Hunter-Lab	57.2727, 5.4620, 25.0921

Details

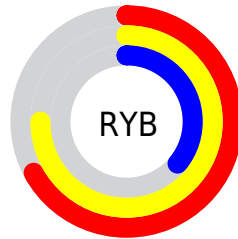
The CIELCh color **64, 37.141, 74.703** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **55, 33.864, 271.729**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 37.136, 75.083**, and **44, 37.269, 75.145** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.779, 73.267**, and if you desaturate by 10%, it is **66, 29.568, 76.092**.

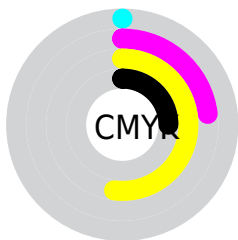
Distribution



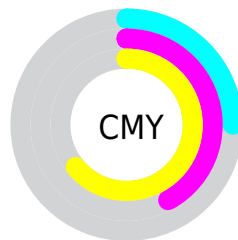
- Red (75%)
- Green (58%)
- Blue (36%)



- Red (67%)
- Yellow (75%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (25%)



- Cyan (25%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 37.141, 74.703 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, 37.141, 74.703 by changing the saturation by 10% instead.

■ 64, 37.141, 74.703

■ 64, 37.141, 74.703

■ 100, 37.141,
74.703

■ 54, 37.141, 74.703

■ 84, 37.141, 74.703

■ 44, 37.141, 74.703

■ 94, 37.141, 74.703

■ 34, 37.141, 74.703

■ 24, 37.141, 74.703

■ 14, 37.141, 74.703

■ 4, 37.141, 74.703

■ 0, 37.141, 74.703

■ 64, 37.141, 74.703

■ 64, 37.141, 74.703

■ 62, 44.779, 73.267

■ 66, 29.568, 76.092

59, 52.221, 71.714

69, 22.184, 77.443

57, 58.977, 69.928

72, 15.038, 78.762

55, 64.258, 67.679

74, 8.144, 80.039

54, 67.279, 65.657

77, 1.493, 81.131

80, 4.930, 262.622

82, 11.146,
263.764

85, 17.176,
264.884

88, 19.334,
259.503

Harmonies

Complementary

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



64, 37.141, 74.703



55, 33.864, 271.729

Rectangle

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



64, 37.141, 74.703



64, 37.141, 124.703



64, 37.141, 254.703



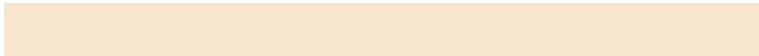
64, 37.141, 304.703

Sweetspot

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



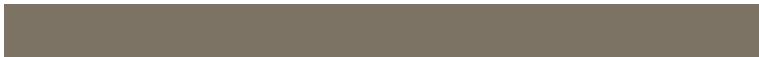
64, 37.141, 74.707



92, 13.145, 79.542



52, 45.544, 352.529



49, 8.982, 79.275



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 37.141, 74.707



78, 55.880, 73.015



75, 51.616, 107.648



39, 3.689, 80.404



45, 58.344, 66.215



6, 10.260, 66.567

Inverse Universe

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



55, 33.864, 271.729



65, 50.233, 275.365



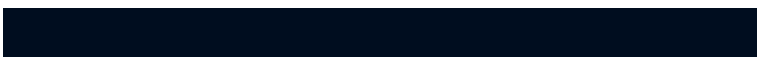
44, 59.667, 299.091



38, 3.642, 262.910



31, 56.091, 288.875



4, 12.251, 272.868

Previews

White Background



This preview shows how the CIELCh color 64, 37.141, 74.703 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 CIE LCh color 64, 37.141, 74.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

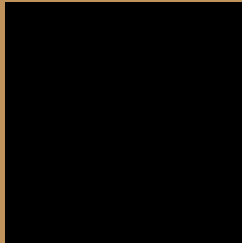
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.141, 74.703

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.141, 74.703.



This preview shows how white text looks on a background with the CIELCh color 64, 37.141, 74.703.

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, 37.141, 74.703

Protanopia

64, 34.045, 95.351

Deuteranopia

64, 36.807, 76.804



Tritanopia
64, 23.056, 6.636

Trichromacy



Original Color
64, 37.141, 74.703

Protanomaly
64, 34.540, 87.118

Deuteranomaly
64, 37.054, 76.220

Tritanomaly
64, 22.993, 40.799

Monochromacy



Original Color
64, 37.141, 74.703

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.423, 79.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.141, 74.703 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(191, 147, 91)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 91)  
}
```

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(191, 147, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.141, 74.703 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(191, 147, 91) }
```

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

```
.border{ border-color:rgb(191, 147, 91) }
```

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

Here you see how a box with a 4 pixel rgb(191, 147, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 147, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 147, 91);  
box-shadow:4px 4px 4px 4px rgb(191, 147,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.141, 74.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 91) }
```

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

```
.background{ background-color: rgb(191,  
147, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor