

Converting Colors

CIELCh(64, 37.602, 95.956)

Have a look what the booklet for
CIELCh(64, 37.602, 95.956) contains.

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Color

CIELCh(64, 37.636, 95.924)

Conversions

Conversions Part 1

Format	Color
Hex	AA9B57
RGB	170, 155, 87
RGB Percent	67%, 61%, 34%
CMY	0.3322, 0.3911, 0.6578
CMYK	0.00, 0.09, 0.49, 0.33
HSL	49°, 33%, 50%
HSV	49°, 49%, 67%
XYZ	30.1352, 32.8017, 13.8139
YIQ	151.7330, 30.7680, -17.9680

Conversions

Conversions Part 2

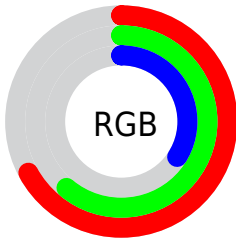
Format	Color
RYB	105, 170, 87
Decimal	11180887
CIELab	64.00, -3.88, 37.44
CIElCh	64, 37.636, 95.924
Yxy	32.8017, 0.3926, 0.4274
Android (android.graphics.Color)	4289370967 (0xFFAA9B57)
YUV	151.7330, -31.9134, 16.0202
Hunter-Lab	57.2727, -6.3059, 25.7905

Details

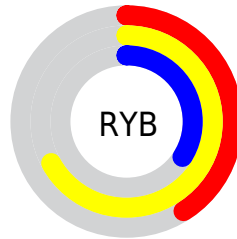
The CIELCh color **64, 37.636, 95.924** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 40.594, 289.337**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 37.658, 95.610**, and **44, 37.425, 95.728** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.899, 94.735**, and if you desaturate by 10%, it is **65, 30.051, 97.114**.

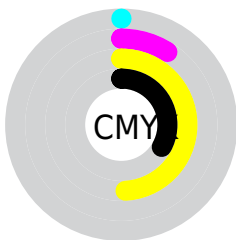
Distribution



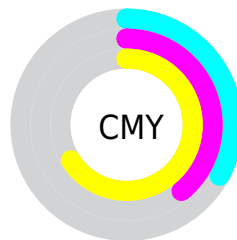
- Red (67%)
- Green (61%)
- Blue (34%)



- Red (41%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 37.636, 95.924 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, 37.636, 95.924 by changing the saturation by 10% instead.

 64, 37.636, 95.924

 64, 37.636, 95.924

 100, 37.636,
95.924

 54, 37.636, 95.924

 84, 37.636, 95.924

 44, 37.636, 95.924

 94, 37.636, 95.924

 34, 37.636, 95.924

 24, 37.636, 95.924

 14, 37.636, 95.924

 4, 37.636, 95.924

 0, 37.636, 95.924

 64, 37.636, 95.924

 64, 37.636, 95.924

 63, 44.899, 94.735

 65, 30.051, 97.114

62, 51.555, 93.539

66, 22.316, 98.287

61, 57.176, 92.332

67, 14.533, 99.439

60, 61.215, 91.087

69, 6.763, 100.555

59, 63.486, 89.775

70, 0.964, 281.802

59, 63.750, 89.615

71, 8.628, 282.735

73, 16.222,
283.738

74, 23.742,
284.700

75, 31.186,
285.616

Harmonies

Complementary

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



64, 37.636, 95.924



45, 40.594, 289.337

Rectangle

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



64, 37.636, 95.924



64, 37.636, 145.924



64, 37.636, 275.924



64, 37.636, 325.924

Sweetspot

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



64, 37.637, 95.927



86, 14.397, 99.834



47, 36.219, 11.046



46, 9.907, 99.603



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 37.637, 95.927



80, 55.803, 94.579



66, 45.554, 119.775



35, 4.329, 100.499



52, 57.536, 89.788



5, 7.427, 98.014

Inverse Universe

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



45, 40.594, 289.337



51, 62.136, 292.070



43, 50.478, 305.913



33, 4.383, 282.624



20, 78.397, 302.603



1, 8.123, 282.946

Previews

White Background



This preview shows how the CIELCh color 64, 37.636, 95.924 looks on a white background.

Color Contrast Check

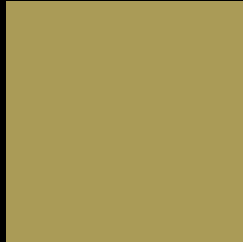
Large Text (above 18pt) WCAG AA × Fail

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, 37.636, 95.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

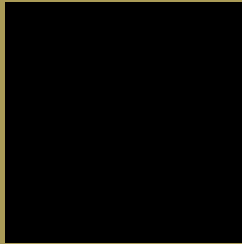
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.636, 95.924

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.636, 95.924.



This preview shows how white text looks on a background with the CIELCh color 64, 37.636, 95.924.

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, 37.636, 95.924

Protanopia

64, 37.636, 95.924

Deuteranopia

64, 37.759, 77.423



Tritanopia
64, 13.165, 353.104

Trichromacy



Original Color
64, 37.636, 95.924

Protanomaly
64, 37.636, 95.924

Deuteranomaly
64, 37.444, 84.627

Tritanomaly
64, 14.448, 63.529

Monochromacy



Original Color
64, 37.636, 95.924

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 14.103, 98.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.636, 95.924 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(170, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 87)  
}
```

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(170, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.636, 95.924 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(170, 155, 87) }
```

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

```
.border{ border-color:rgb(170, 155, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 155, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 155, 87); box-shadow:4px 4px 4px 4px rgb(170, 155, 87) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.636, 95.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 87) }
```

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

```
.background{ background-color: rgb(170,  
155, 87) }
```

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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