

Converting Colors

CIELCh(64, 32.390, 93.303)

Have a look what the booklet for
CIELCh(64, 32.390, 93.303) contains.

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Color

CIELCh(64, 32.209, 93.364)

Conversions

Conversions Part 1

Format	Color
Hex	AB9A61
RGB	171, 154, 97
RGB Percent	67%, 60%, 38%
CMY	0.3279, 0.3946, 0.6183
CMYK	0.00, 0.10, 0.43, 0.33
HSL	46°, 31%, 53%
HSV	46°, 43%, 67%
XYZ	30.6672, 32.8017, 16.1083
YIQ	152.5850, 28.4290, -14.1230

Conversions

Conversions Part 2

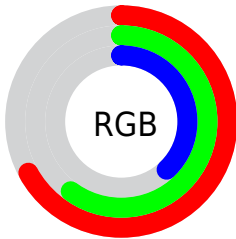
Format	Color
RYB	119, 171, 97
Decimal	11246177
CIELab	64.00, -1.89, 32.15
CIElCh	64, 32.209, 93.364
Yxy	32.8017, 0.3854, 0.4122
Android (android.graphics.Color)	4289436257 (0xFFAB9A61)
YUV	152.5850, -27.4034, 16.1500
Hunter-Lab	57.2727, -4.6480, 23.4152

Details

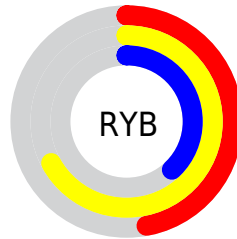
The CIELCh color **64, 32.209, 93.364** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 33.662, 285.395**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 32.395, 92.904**, and **44, 32.130, 93.375** is the 20% darker color. If you saturate the color by 10%, you get **63, 39.532, 92.095**, and if you desaturate by 10%, it is **65, 24.738, 94.617**.

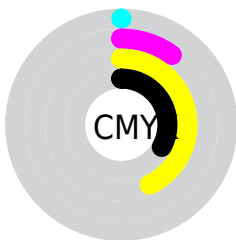
Distribution



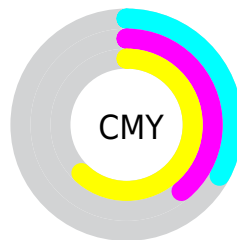
- Red (67%)
- Green (60%)
- Blue (38%)



- Red (47%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 32.209, 93.364 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, 32.209, 93.364 by changing the saturation by 10% instead.

■ 64, 32.209, 93.364

■ 64, 32.209, 93.364

■ 100, 32.209,
93.364

■ 54, 32.209, 93.364

■ 84, 32.209, 93.364

■ 44, 32.209, 93.364

■ 94, 32.209, 93.364

■ 34, 32.209, 93.364

■ 24, 32.209, 93.364

■ 14, 32.209, 93.364

■ 4, 32.209, 93.364

■ 0, 32.209, 93.364

■ 64, 32.209, 93.364

■ 64, 32.209, 93.364

■ 63, 39.532, 92.095

■ 65, 24.738, 94.617

61, 46.504, 90.796

67, 17.232, 95.838

60, 52.790, 89.457

68, 9.757, 97.023

59, 57.892, 88.042

70, 2.346, 98.128

58, 61.214, 86.480

71, 4.983, 279.338

57, 62.704, 85.355

73, 12.225,
280.388

74, 19.378,
281.403

76, 26.443,
282.373

78, 33.424,
283.293

Harmonies

Complementary

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



64, 32.209, 93.364



49, 33.662, 285.395

Rectangle

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



64, 32.209, 93.364



64, 32.209, 143.364



64, 32.209, 273.364



64, 32.209, 323.364

Sweetspot

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



64, 32.210, 93.368



86, 11.854, 97.020



50, 32.218, 6.172



46, 8.372, 96.768



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, 32.210, 93.368



79, 47.677, 92.132



67, 40.481, 117.967



36, 4.215, 97.470



51, 57.025, 85.568



5, 8.172, 93.032

Inverse Universe

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



49, 33.662, 285.395



57, 50.733, 287.639



46, 44.507, 303.889



34, 4.253, 279.695



22, 75.170, 300.927



2, 9.316, 281.149

Previews

White Background



This preview shows how the CIELCh color 64, 32.209, 93.364 looks on a white background.

Color Contrast Check

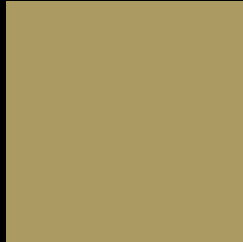
Large Text (above 18pt) WCAG AA × Fail

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, 32.209, 93.364 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, 32.209, 93.364

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.209, 93.364.



This preview shows how white text looks on a background with the CIELCh color 64, 32.209, 93.364.

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, 32.209, 93.364

Protanopia

64, 31.872, 95.692

Deuteranopia

64, 32.496, 75.148



Tritanopia
64, 13.514, 353.932

Trichromacy



Original Color
64, 32.209, 93.364

Protanomaly
64, 31.967, 94.921

Deuteranomaly
64, 32.027, 81.728

Tritanomaly
64, 13.245, 55.873

Monochromacy



Original Color
64, 32.209, 93.364

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.471, 94.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.209, 93.364 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(171, 154, 97)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 97)  
}
```

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(171, 154, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.209, 93.364 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(171, 154, 97) }
```

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

```
.border{ border-color:rgb(171, 154, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 97);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.209, 93.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 97) }
```

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

```
.background{ background-color: rgb(171,  
154, 97) }
```

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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