

Converting Colors

CIELCh(63, 32.262, 41.434)

Have a look what the booklet for
CIELCh(63, 32.262, 41.434) contains.

CIELCh(63, 32.092, 41.016)	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(63, 32.092, 41.016)

Conversions

Conversions Part 1

Format	Color
Hex	CC8774
RGB	204, 135, 116
RGB Percent	80%, 53%, 45%
CMY	0.1985, 0.4692, 0.5438
CMYK	0.00, 0.34, 0.43, 0.20
HSL	13°, 47%, 63%
HSV	13°, 43%, 80%
XYZ	36.8934, 31.5869, 20.7786
YIQ	153.4650, 47.2230, 8.7190

Conversions

Conversions Part 2

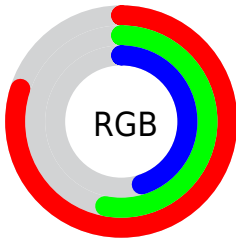
Format	Color
RYB	204, 140, 116
Decimal	13404020
CIELab	63.00, 24.21, 21.06
CIElCh	63, 32.092, 41.016
Yxy	31.5869, 0.4133, 0.3539
Android (android.graphics.Color)	4291594100 (0xFFCC8774)
YUV	153.4650, -18.4702, 44.3192
Hunter-Lab	56.2022, 18.8205, 17.4214

Details

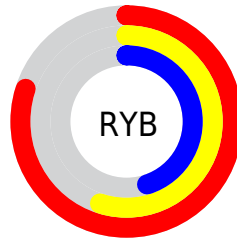
The CIELCh color **63, 32.092, 41.016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 23.507, 224.339**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.983, 43.431**, and **43, 31.780, 41.283** is the 20% darker color. If you saturate the color by 10%, you get **59, 41.147, 41.381**, and if you desaturate by 10%, it is **67, 23.646, 40.856**.

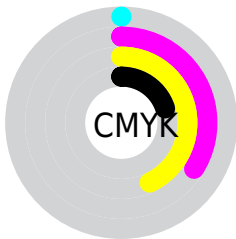
Distribution



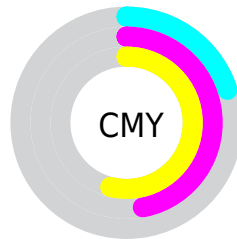
- Red (80%)
- Green (53%)
- Blue (45%)



- Red (80%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 32.092, 41.016 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 63, 32.092, 41.016 by changing the saturation by 10% instead.

63, 32.092, 41.016

63, 32.092, 41.016

100, 32.092,
41.016

53, 32.092, 41.016

83, 32.092, 41.016

43, 32.092, 41.016

93, 32.092, 41.016

33, 32.092, 41.016

23, 32.092, 41.016

13, 32.092, 41.016

3, 32.092, 41.016

0, 32.092, 41.016

63, 32.092, 41.016

63, 32.092, 41.016

59, 41.147, 41.381

67, 23.646, 40.856

55, 50.734, 41.956

72, 15.827, 40.851

52, 60.640, 42.711

76, 8.608, 40.959

49, 70.377, 43.487

81, 1.945, 40.979

47, 78.866, 43.836

85, 4.214, 221.702

45, 83.615, 43.839

90, 9.923, 221.992

95, 14.667,
213.840

97, 16.752,
198.394

Harmonies

Complementary

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



63, 32.092, 41.016



72, 23.507, 224.339

Rectangle

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



63, 32.092, 41.016



63, 32.092, 91.016



63, 32.092, 221.016



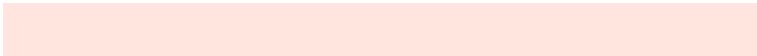
63, 32.092, 271.016

Sweetspot

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



63, 32.091, 41.021



93, 10.242, 40.958



61, 49.599, 333.357



48, 7.233, 40.927



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 32.091, 41.021



73, 48.162, 41.363



74, 34.977, 88.162



41, 3.672, 41.010



37, 71.185, 44.227



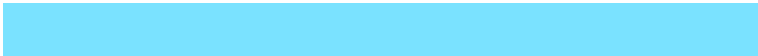
5, 15.885, 31.569

Inverse Universe

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



72, 23.507, 224.339



85, 32.399, 225.694



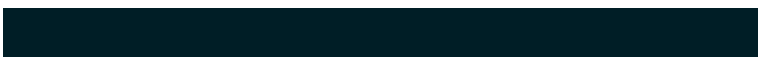
60, 35.386, 280.966



42, 3.467, 221.779



50, 32.092, 238.661



10, 11.738, 229.047

Previews

White Background



This preview shows how the CIELCh color 63, 32.092, 41.016 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 63, 32.092, 41.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

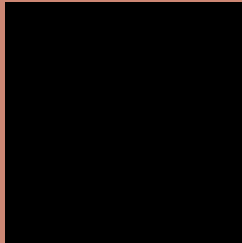
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 32.092, 41.016

Background



This preview shows how black text looks on a background with the CIELCh color 63, 32.092, 41.016.



This preview shows how white text looks on a background with the CIELCh color 63, 32.092, 41.016.

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

63, 32.092, 41.016

Protanopia

63, 16.528, 95.349

Deuteranopia

63, 23.427, 70.901



Tritanopia
63, 30.867, 12.618

Trichromacy



Original Color
63, 32.092, 41.016

Protanomaly
63, 19.420, 67.766

Deuteranomaly
63, 25.601, 57.726

Tritanomaly
63, 30.391, 22.615

Monochromacy



Original Color
63, 32.092, 41.016

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.858, 41.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 32.092, 41.016 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(204, 135, 116)` looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 116)  
}
```

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(204, 135, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 32.092, 41.016 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(204, 135, 116) }
```

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

```
.border{ border-color:rgb(204, 135, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 116);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 32.092, 41.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 116) }
```

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

```
.background{ background-color: rgb(204,  
135, 116) }
```

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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