

Converting Colors

CIELCh(63, 47.468, 36.624)

Have a look what the booklet for
CIELCh(63, 47.468, 36.624) contains.

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Color

CIELCh(63, 47.747, 36.468)

Conversions

Conversions Part 1

Format	Color
Hex	E37B68
RGB	227, 123, 104
RGB Percent	89%, 48%, 41%
CMY	0.1089, 0.5168, 0.5914
CMYK	0.00, 0.46, 0.54, 0.11
HSL	9°, 69%, 65%
HSV	9°, 54%, 89%
XYZ	41.3669, 31.5869, 17.0631
YIQ	151.9300, 68.0830, 16.1390

Conversions

Conversions Part 2

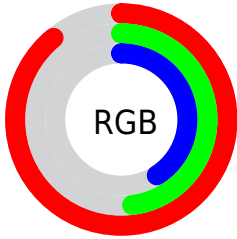
Format	Color
R _Y B	227, 126, 104
Decimal	14908264
CIE Lab	63.00, 38.40, 28.38
CIE LCh	63, 47.747, 36.468
Yxy	31.5869, 0.4595, 0.3509
Android (android.graphics.Color)	4293098344 (0xFFE37B68)
YUV	151.9300, -23.6295, 65.8364
Hunter-Lab	56.2022, 33.0287, 21.3411




Details

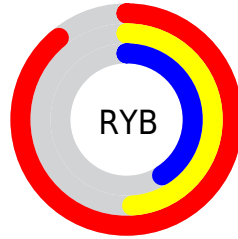
The CIELCh color **63, 47.747, 36.468** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78, 31.114, 216.750**, and the grayscale version is **63, 0.008, 296.813**.




A 20% lighter version of the original color is **79, 34.404, 41.332**, and **43, 47.374, 36.500** is the 20% darker color. If you saturate the color by 10%, you get **59, 58.553, 37.655**, and if you desaturate by 10%, it is **68, 37.450, 35.592**.

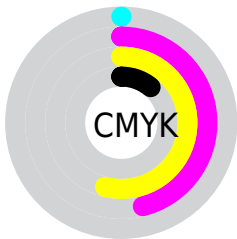
Distribution







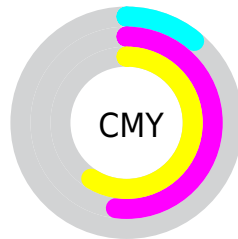
-  Red (89%)
-  Green (48%)
-  Blue (41%)






-  Red (89%)
-  Yellow (49%)
-  Blue (41%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (54%)
-  Black (11%)



-  Cyan (11%)
-  Magenta (52%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 47.747, 36.468 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, 47.747, 36.468 by changing the saturation by 10% instead.

63, 47.747, 36.468

63, 47.747, 36.468

100, 47.747,
36.468

53, 47.747, 36.468

83, 47.747, 36.468

43, 47.747, 36.468

93, 47.747, 36.468

33, 47.747, 36.468

23, 47.747, 36.468

13, 47.747, 36.468

3, 47.747, 36.468

0, 47.747, 36.468

63, 47.747, 36.468

63, 47.747, 36.468

59, 58.553, 37.655

68, 37.450, 35.592

55, 69.581, 39.112

72, 27.803, 34.982

52, 80.195, 40.643

77, 18.853, 34.591

50, 88.999, 41.667

83, 10.591, 34.362

49, 92.902, 42.005

88, 2.979, 34.145

93, 4.039, 214.531

98, 9.438, 198.879

Harmonies

Complementary

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



63, 47.747, 36.468



78, 31.114, 216.750

Rectangle

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



63, 47.747, 36.468



63, 47.747, 86.468



63, 47.747, 216.468



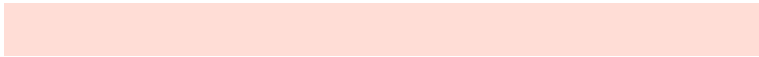
63, 47.747, 266.468

Sweetspot

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



63, 47.745, 36.472



91, 13.259, 34.397



62, 68.605, 332.223



47, 9.030, 34.439



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, 47.745, 36.472



65, 65.405, 37.826



77, 46.465, 82.460



45, 4.203, 34.284



38, 77.210, 42.314



8, 24.338, 30.368

Inverse Universe

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



78, 31.114, 216.750



85, 38.134, 218.176



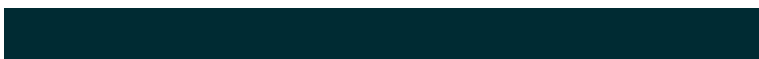
61, 45.788, 280.215



47, 3.955, 214.507



57, 33.331, 225.566



15, 14.076, 220.478

Previews

White Background



This preview shows how the CIELCh color 63, 47.747, 36.468 looks on a white background.

Color Contrast Check

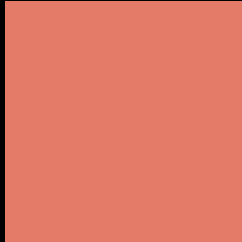
Large Text (above 18pt) WCAG AA × Fail

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 63, 47.747, 36.468 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, 47.747, 36.468

Background



This preview shows how black text looks on a background with the CIELCh color 63, 47.747, 36.468.

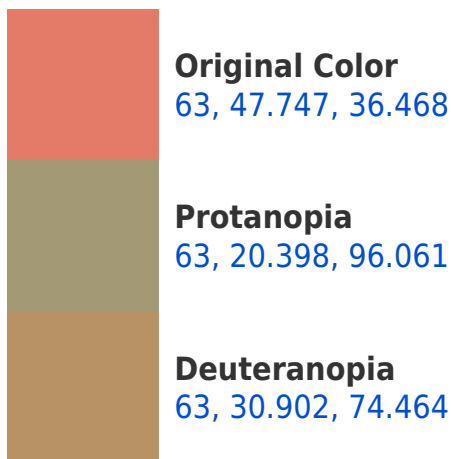


This preview shows how white text looks on a background with the CIELCh color 63, 47.747, 36.468.

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





Tritanopia
63, 45.434, 19.324

Trichromacy



Original Color
63, 47.747, 36.468

Protanomaly
62, 25.740, 60.569

Deuteranomaly
63, 34.750, 55.817

Tritanomaly
63, 45.710, 25.894

Monochromacy



Original Color
63, 47.747, 36.468

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 15.760, 35.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 47.747, 36.468 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(227, 123, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 123, 104)  
}
```

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(227, 123, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 123, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 47.747, 36.468 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(227, 123, 104) }
```

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

```
.border{ border-color:rgb(227, 123, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 123, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 123, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 123, 104);  
box-shadow:4px 4px 4px 4px rgb(227, 123,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 47.747, 36.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 123, 104) }
```

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

```
.background{ background-color: rgb(227,  
123, 104) }
```

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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