

Converting Colors

CIELCh(63, 48.489, 33.983)

Have a look what the booklet for
CIELCh(63, 48.489, 33.983) contains.

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Color

CIELCh(63, 48.136, 33.988)

Conversions

Conversions Part 1

Format	Color
Hex	E57A6B
RGB	229, 122, 107
RGB Percent	90%, 48%, 42%
CMY	0.1025, 0.5220, 0.5808
CMYK	0.00, 0.47, 0.53, 0.10
HSL	7°, 70%, 66%
HSV	7°, 53%, 90%
XYZ	41.8650, 31.5869, 17.7708
YIQ	152.2830, 68.5870, 18.0190

Conversions

Conversions Part 2

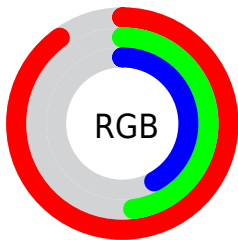
Format	Color
R_{YB}	229, 124, 107
Decimal	15039083
CIE _{Lab}	63.00, 39.91, 26.91
CIE _{LCh}	63, 48.136, 33.988
Yxy	31.5869, 0.4589, 0.3463
Android (android.graphics.Color)	4293229163 (0xFFE57A6B)
YUV	152.2830, -22.3245, 67.2808
Hunter-Lab	56.2022, 34.6104, 20.5945

Details

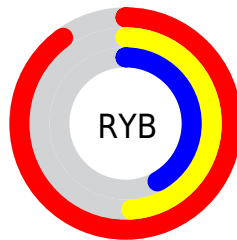
The CIELCh color **63, 48.136, 33.988** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **80, 31.585, 212.188**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.667, 37.229**, and **43, 48.250, 34.092** is the 20% darker color. If you saturate the color by 10%, you get **59, 59.099, 35.445**, and if you desaturate by 10%, it is **68, 37.654, 32.890**.

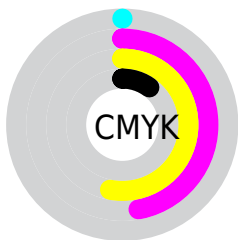
Distribution



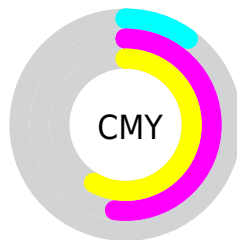
- Red (90%)
- Green (48%)
- Blue (42%)



- Red (90%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (53%)
- Black (10%)



- Cyan (10%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 48.136, 33.988 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, 48.136, 33.988 by changing the saturation by 10% instead.

63, 48.136, 33.988

63, 48.136, 33.988

100, 48.136,
33.988

53, 48.136, 33.988

83, 48.136, 33.988

43, 48.136, 33.988

93, 48.136, 33.988

33, 48.136, 33.988

23, 48.136, 33.988

13, 48.136, 33.988

3, 48.136, 33.988

0, 48.136, 33.988

63, 48.136, 33.988

63, 48.136, 33.988

59, 59.099, 35.445

68, 37.654, 32.890

■ 55, 70.251, 37.238

■ 73, 27.811, 32.092

■ 52, 80.980, 39.189

■ 78, 18.664, 31.536

■ 50, 89.942, 40.720

■ 83, 10.215, 31.156

■ 49, 94.311, 41.362

■ 89, 2.428, 30.757

■ 95, 4.749, 211.043

■ 98, 8.897, 198.918

Harmonies

Complementary

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



63, 48.136, 33.988



80, 31.585, 212.188

Rectangle

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



63, 48.136, 33.988



63, 48.136, 83.988



63, 48.136, 213.988



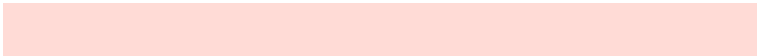
63, 48.136, 263.988

Sweetspot

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



63, 48.134, 33.992



90, 13.578, 31.249



63, 69.617, 330.954



47, 9.247, 31.324



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, 48.134, 33.992



65, 65.447, 35.625



77, 45.101, 79.680



45, 4.304, 31.036



38, 77.997, 41.627



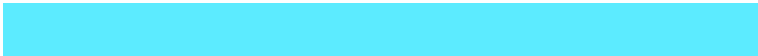
8, 24.862, 28.447

Inverse Universe

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



80, 31.585, 212.188



86, 38.524, 213.166



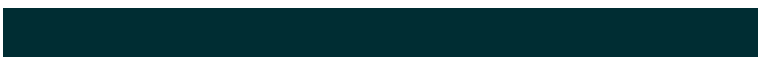
63, 43.219, 277.299



47, 4.048, 210.985



59, 33.664, 218.846



16, 14.292, 214.954

Previews

White Background



This preview shows how the CIELCh color 63, 48.136, 33.988 looks on a white background.

Color Contrast Check

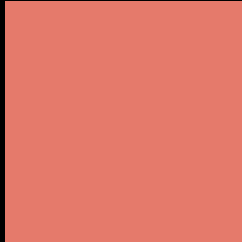
Large Text (above 18pt) WCAG AA × Fail

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, 48.136, 33.988 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, 48.136, 33.988

Background



This preview shows how black text looks on a background with the CIELCh color 63, 48.136, 33.988.



This preview shows how white text looks on a background with the CIELCh color 63, 48.136, 33.988.

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, 48.136, 33.988

Protanopia

63, 18.781, 95.281

Deuteranopia

63, 29.692, 74.227



Tritanopia
63, 46.311, 19.566

Trichromacy



Original Color
63, 48.136, 33.988

Protanomaly
63, 24.904, 57.417

Deuteranomaly
63, 34.062, 53.486

Tritanomaly
63, 46.746, 24.744

Monochromacy



Original Color
63, 48.136, 33.988

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 16.284, 30.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 48.136, 33.988 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(229, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(229, 122, 107)  
}
```

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(229, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 122, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 48.136, 33.988 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(229, 122, 107) }
```

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

```
.border{ border-color:rgb(229, 122, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 122, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 122, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 122, 107); box-shadow:4px 4px 4px 4px rgb(229, 122, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 48.136, 33.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 122, 107) }
```

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

```
.background{ background-color: rgb(229,  
122, 107) }
```

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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