

Converting Colors

CIELCh(62, 49.801, 37.687)

Have a look what the booklet for
CIELCh(62, 49.801, 37.687) contains.

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Color

CIELCh(62, 49.625, 38.053)

Conversions

Conversions Part 1

Format	Color
Hex	E27862
RGB	226, 120, 98
RGB Percent	89%, 47%, 38%
CMY	0.1146, 0.5301, 0.6163
CMYK	0.00, 0.47, 0.57, 0.11
HSL	10°, 69%, 63%
HSV	10°, 57%, 89%
XYZ	40.1890, 30.4025, 15.2632
YIQ	149.1860, 70.2380, 15.6300

Conversions

Conversions Part 2

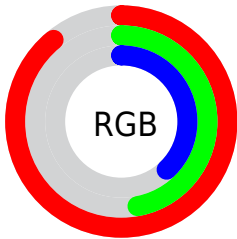
Format	Color
R _Y B	226, 125, 98
Decimal	14841954
CIE Lab	62.00, 39.08, 30.59
CIE LCh	62, 49.625, 38.053
Yxy	30.4025, 0.4681, 0.3541
Android (android.graphics.Color)	4293032034 (0xFFE27862)
YUV	149.1860, -25.2347, 67.3659
Hunter-Lab	55.1385, 33.6116, 22.1845

Details

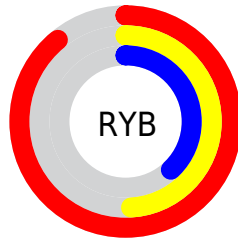
The CIELCh color **62, 49.625, 38.053** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 31.643, 219.623**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 36.520, 42.895**, and **42, 49.475, 38.289** is the 20% darker color. If you saturate the color by 10%, you get **58, 60.398, 39.144**, and if you desaturate by 10%, it is **66, 39.326, 37.246**.

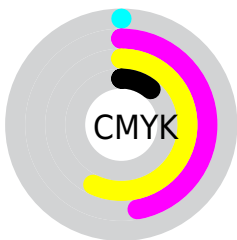
Distribution



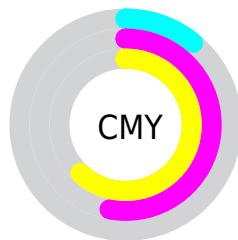
- Red (89%)
- Green (47%)
- Blue (38%)



- Red (89%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 49.625, 38.053 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 62, 49.625, 38.053 by changing the saturation by 10% instead.

62, 49.625, 38.053

62, 49.625, 38.053

100, 49.625,
38.053

52, 49.625, 38.053

82, 49.625, 38.053

42, 49.625, 38.053

92, 49.625, 38.053

32, 49.625, 38.053

22, 49.625, 38.053

12, 49.625, 38.053

2, 49.625, 38.053

0, 49.625, 38.053

62, 49.625, 38.053

62, 49.625, 38.053

58, 60.398, 39.144

66, 39.326, 37.246

55, 71.307, 40.446

71, 29.663, 36.696

52, 81.588, 41.696

76, 20.687, 36.361

50, 89.649, 42.239

81, 12.398, 36.191

49, 91.896, 42.424

86, 4.759, 36.098

92, 2.283, 216.574

97, 8.687, 213.638

98, 9.913, 198.846

Harmonies

Complementary

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



62, 49.625, 38.053



77, 31.643, 219.623

Rectangle

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



62, 49.625, 38.053



62, 49.625, 88.053



62, 49.625, 218.053



62, 49.625, 268.053

Sweetspot

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



62, 49.623, 38.057



90, 13.979, 36.196



61, 70.110, 333.028



47, 9.430, 36.221



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 49.623, 38.057



64, 68.357, 39.365



77, 48.897, 83.497



44, 4.077, 36.129



38, 75.887, 42.776



7, 22.738, 30.417

Inverse Universe

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



77, 31.643, 219.623



83, 38.773, 221.486



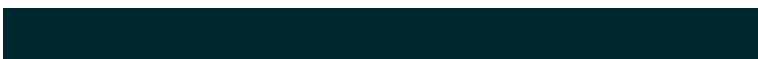
59, 48.929, 282.183



46, 3.839, 216.505



56, 32.975, 229.287



14, 13.574, 223.244

Previews

White Background



This preview shows how the CIELCh color 62, 49.625, 38.053 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 62, 49.625, 38.053 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 62, 49.625, 38.053

Background



This preview shows how black text looks on a background with the CIELCh color 62, 49.625, 38.053.



This preview shows how white text looks on a background with the CIELCh color 62, 49.625, 38.053.

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
62, 46.896, 19.796

Trichromacy



Original Color
62, 49.625, 38.053

Protanomaly
61, 27.783, 61.598

Deuteranomaly
62, 36.863, 57.716

Tritanomaly
62, 47.403, 26.788

Monochromacy



Original Color
62, 49.625, 38.053

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 16.878, 36.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 49.625, 38.053 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(226, 120, 98)` looks like.

```
.text, #text, p{  
  color:rgb(226, 120, 98)  
}
```

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(226, 120, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 120, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 49.625, 38.053 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(226, 120, 98) }
```

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

```
.border{ border-color:rgb(226, 120, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 120, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 120, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 120, 98);  
box-shadow:4px 4px 4px 4px rgb(226, 120,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 49.625, 38.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 120, 98) }
```

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

```
.background{ background-color: rgb(226,  
120, 98) }
```

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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