

Converting Colors

CIELCh(63, 38.651, 33.734)

Have a look what the booklet for
CIELCh(63, 38.651, 33.734) contains.

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Color

CIELCh(63, 38.648, 33.731)

Conversions

Conversions Part 1

Format	Color
Hex	D88174
RGB	216, 129, 116
RGB Percent	85%, 51%, 45%
CMY	0.1527, 0.4939, 0.5449
CMYK	0.00, 0.40, 0.46, 0.15
HSL	8°, 56%, 65%
HSV	8°, 46%, 85%
XYZ	39.3517, 31.5869, 20.5628
YIQ	153.5310, 56.0250, 14.4010

Conversions

Conversions Part 2

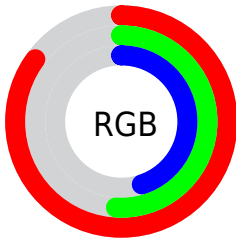
Format	Color
R _Y B	216, 131, 116
Decimal	14188916
CIE Lab	63.00, 32.14, 21.46
CIE LCh	63, 38.648, 33.731
Yxy	31.5869, 0.4301, 0.3452
Android (android.graphics.Color)	4292378996 (0xFFD88174)
YUV	153.5310, -18.5028, 54.7853
Hunter-Lab	56.2022, 26.6282, 17.6491

Details

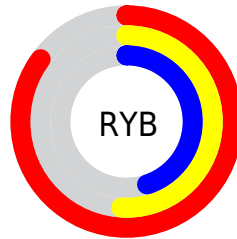
The CIELCh color **63, 38.648, 33.731** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 27.118, 212.672**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.155, 36.650**, and **43, 38.666, 33.441** is the 20% darker color. If you saturate the color by 10%, you get **59, 48.762, 34.871**, and if you desaturate by 10%, it is **68, 29.112, 32.908**.

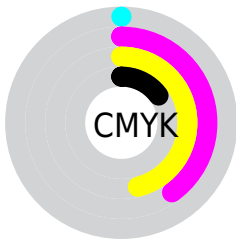
Distribution



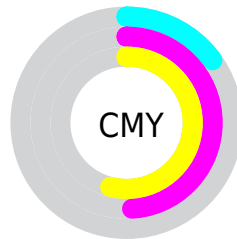
- Red (85%)
- Green (51%)
- Blue (45%)



- Red (85%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (46%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 38.648, 33.731 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, 38.648, 33.731 by changing the saturation by 10% instead.

63, 38.648, 33.731

63, 38.648, 33.731

100, 38.648,
33.731

53, 38.648, 33.731

83, 38.648, 33.731

43, 38.648, 33.731

93, 38.648, 33.731

33, 38.648, 33.731

23, 38.648, 33.731

13, 38.648, 33.731

3, 38.648, 33.731

0, 38.648, 33.731

63, 38.648, 33.731

63, 38.648, 33.731

59, 48.762, 34.871

68, 29.112, 32.908

55, 59.293, 36.349

73, 20.234, 32.332

51, 69.897, 38.126

78, 12.022, 31.947

49, 79.864, 39.942

83, 4.451, 31.652

47, 87.668, 41.109

88, 2.527, 211.922

46, 90.057, 41.549

94, 8.969, 211.746

97, 13.071,
198.633

Harmonies

Complementary

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



63, 38.648, 33.731



77, 27.118, 212.672

Rectangle

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



63, 38.648, 33.731



63, 38.648, 83.731



63, 38.648, 213.731



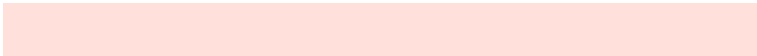
63, 38.648, 263.731

Sweetspot

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



63, 38.646, 33.735



92, 11.716, 31.882



63, 58.656, 330.532



48, 8.162, 31.948



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, 38.646, 33.735



68, 55.541, 34.902



75, 37.137, 80.721



42, 4.043, 31.749



36, 75.258, 41.807



6, 20.251, 26.560

Inverse Universe

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



77, 27.118, 212.672



87, 35.389, 213.428



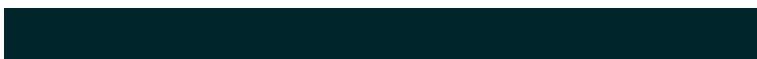
63, 35.695, 275.351



44, 3.804, 211.761



56, 32.488, 220.243



13, 12.912, 215.351

Previews

White Background



This preview shows how the CIELCh color 63, 38.648, 33.731 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, 38.648, 33.731 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, 38.648, 33.731

Background



This preview shows how black text looks on a background with the CIELCh color 63, 38.648, 33.731.



This preview shows how white text looks on a background with the CIELCh color 63, 38.648, 33.731.

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, 38.046, 15.564

Trichromacy



Original Color
63, 38.648, 33.731

Protanomaly
63, 19.740, 56.519

Deuteranomaly
63, 27.952, 51.919

Tritanomaly
63, 37.681, 21.926

Monochromacy



Original Color
63, 38.648, 33.731

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.309, 32.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 38.648, 33.731 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(216, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(216, 129, 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(216, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 129, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 38.648, 33.731 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(216, 129, 116) }
```

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

```
.border{ border-color:rgb(216, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(216, 129,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 38.648, 33.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 129, 116) }
```

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

```
.background{ background-color: rgb(216,  
129, 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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