

Converting Colors

CIELCh(68, 27.748, 40.987)

Have a look what the booklet for
CIELCh(68, 27.748, 40.987) contains.

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Color

CIELCh(68, 27.899, 40.825)

Conversions

Conversions Part 1

Format	Color
Hex	D59786
RGB	213, 151, 134
RGB Percent	84%, 59%, 53%
CMY	0.1649, 0.4080, 0.4747
CMYK	0.00, 0.29, 0.37, 0.16
HSL	13°, 48%, 68%
HSV	13°, 37%, 84%
XYZ	42.7798, 37.9720, 27.6092
YIQ	167.6000, 42.4090, 7.8570

Conversions

Conversions Part 2

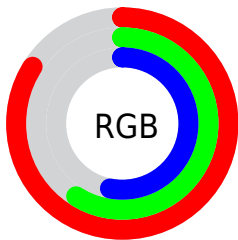
Format	Color
RYB	213, 156, 134
Decimal	13997958
CIELab	68.00, 21.11, 18.24
CIELCh	68, 27.899, 40.825
Yxy	37.9720, 0.3948, 0.3504
Android (android.graphics.Color)	4292188038 (0xFFD59786)
YUV	167.6000, -16.5648, 39.8158
Hunter-Lab	61.6215, 16.0834, 16.5704

Details

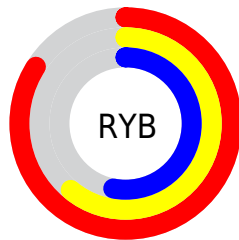
The CIELCh color **68, 27.899, 40.825** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 21.470, 223.568**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 21.636, 47.640**, and **48, 27.738, 41.659** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.897, 41.078**, and if you desaturate by 10%, it is **72, 19.546, 40.760**.

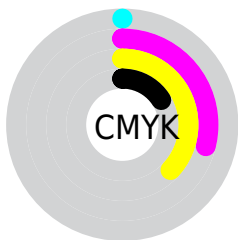
Distribution



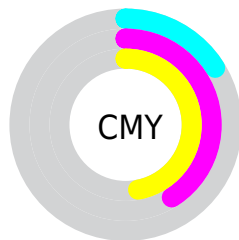
- Red (84%)
- Green (59%)
- Blue (53%)



- Red (84%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.899, 40.825 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 68, 27.899, 40.825 by changing the saturation by 10% instead.

 68, 27.899, 40.825

 68, 27.899, 40.825

 100, 27.899,
40.825

 58, 27.899, 40.825

 88, 27.899, 40.825

 48, 27.899, 40.825

 98, 27.899, 40.825

 38, 27.899, 40.825

 28, 27.899, 40.825

 18, 27.899, 40.825

 8, 27.899, 40.825

 0, 27.899, 40.825

 68, 27.899, 40.825

 68, 27.899, 40.825

 64, 36.897, 41.078

 72, 19.546, 40.760

60, 46.508, 41.534

77, 11.831, 40.826

56, 56.599, 42.202

82, 4.714, 40.951

53, 66.857, 43.008

87, 1.858, 221.656

50, 76.566, 43.692

91, 7.942, 221.767

48, 84.316, 43.691

96, 12.894,
207.355

47, 86.327, 43.749

97, 14.069,
198.567

Harmonies

Complementary

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



68, 27.899, 40.825



76, 21.470, 223.568

Rectangle

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



68, 27.899, 40.825



68, 27.899, 90.825



68, 27.899, 220.825



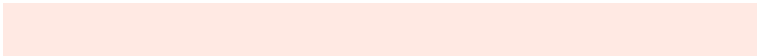
68, 27.899, 270.825

Sweetspot

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



68, 27.898, 40.831



94, 8.598, 40.904



66, 44.458, 332.944



49, 5.810, 40.885



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 27.898, 40.831



76, 40.540, 41.024



77, 31.048, 88.960



43, 3.825, 40.927



38, 72.881, 44.142



7, 19.244, 31.700

Inverse Universe

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



76, 21.470, 223.568



87, 29.052, 224.552



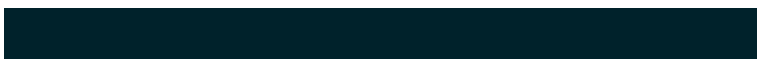
65, 31.302, 279.667



44, 3.610, 221.691



52, 32.813, 238.612



11, 12.660, 230.094

Previews

White Background



This preview shows how the CIELCh color 68, 27.899, 40.825 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 68, 27.899, 40.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

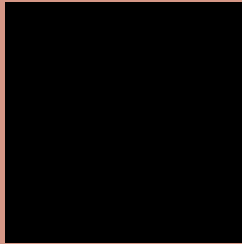
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.899, 40.825

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.899, 40.825.

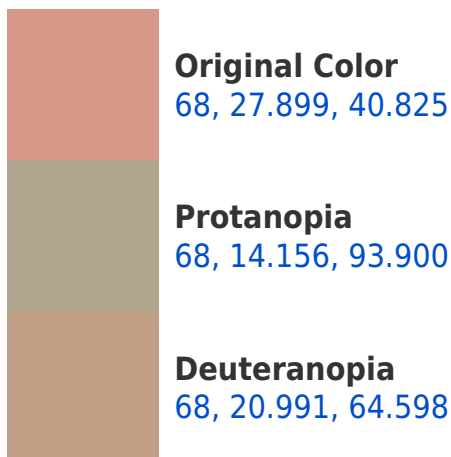


This preview shows how white text looks on a background with the CIELCh color 68, 27.899, 40.825.

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
68, 27.610, 8.618

Trichromacy



Original Color
68, 27.899, 40.825

Protanomaly
68, 17.179, 66.843

Deuteranomaly
68, 22.910, 53.753

Tritanomaly
68, 26.714, 19.712

Monochromacy



Original Color
68, 27.899, 40.825

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 9.279, 40.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.899, 40.825 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(213, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 134)  
}
```

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(213, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.899, 40.825 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(213, 151, 134) }
```

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

```
.border{ border-color:rgb(213, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 151, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 151, 134); box-shadow:4px 4px 4px 4px rgb(213, 151, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.899, 40.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 134) }
```

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

```
.background{ background-color: rgb(213,  
151, 134) }
```

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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