

Converting Colors

CIELCh(69, 30.767, 35.532)

Have a look what the booklet for
CIELCh(69, 30.767, 35.532) contains.

CIELCh(69, 30.897, 36.113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 30.897, 36.113)

Conversions

Conversions Part 1

Format	Color
Hex	DE9789
RGB	222, 151, 137
RGB Percent	87%, 59%, 54%
CMY	0.1304, 0.4088, 0.4636
CMYK	0.00, 0.32, 0.38, 0.13
HSL	10°, 56%, 70%
HSV	10°, 38%, 87%
XYZ	45.5711, 39.3444, 28.7722
YIQ	170.6330, 46.8100, 10.6980

Conversions

Conversions Part 2

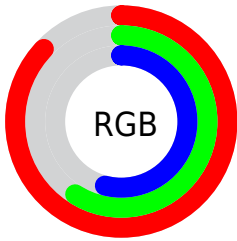
Format	Color
R _Y B	222, 154, 137
Decimal	14587785
CIE Lab	69.00, 24.96, 18.21
CIE LCh	69, 30.897, 36.113
Yxy	39.3444, 0.4008, 0.3461
Android (android.graphics.Color)	4292777865 (0xFFDE9789)
YUV	170.6330, -16.5811, 45.0489
Hunter-Lab	62.7251, 19.9152, 16.7111

Details

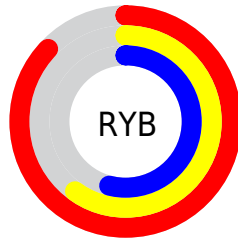
The CIELCh color **69, 30.897, 36.113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 23.308, 216.782**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 20.846, 44.049**, and **49, 31.184, 35.693** is the 20% darker color. If you saturate the color by 10%, you get **64, 40.564, 36.759**, and if you desaturate by 10%, it is **74, 21.899, 35.708**.

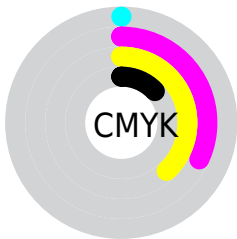
Distribution



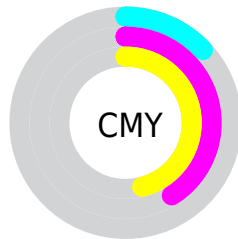
- Red (87%)
- Green (59%)
- Blue (54%)



- Red (87%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 30.897, 36.113 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 69, 30.897, 36.113 by changing the saturation by 10% instead.

69, 30.897, 36.113

69, 30.897, 36.113

100, 30.897,
36.113

59, 30.897, 36.113

89, 30.897, 36.113

49, 30.897, 36.113

99, 30.897, 36.113

39, 30.897, 36.113

29, 30.897, 36.113

19, 30.897, 36.113

9, 30.897, 36.113

0, 30.897, 36.113

69, 30.897, 36.113

69, 30.897, 36.113

64, 40.564, 36.759

74, 21.899, 35.708

■ 60, 50.835, 37.673

■ 79, 13.582, 35.476

■ 56, 61.530, 38.872

■ 84, 5.916, 35.348

■ 53, 72.264, 40.276

■ 89, 1.149, 216.005

■ 50, 82.182, 41.563

■ 95, 7.673, 215.685

■ 48, 89.721, 42.124

■ 98, 11.238,
198.756

■ 48, 90.854, 42.270

Harmonies

Complementary

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



69, 30.897, 36.113



79, 23.308, 216.782

Rectangle

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



69, 30.897, 36.113



69, 30.897, 86.113



69, 30.897, 216.113



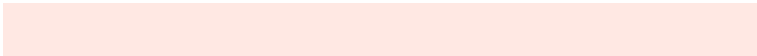
69, 30.897, 266.113

Sweetspot

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



69, 30.895, 36.118



94, 8.863, 35.381



68, 49.044, 331.205



49, 5.989, 35.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 30.895, 36.118



74, 42.919, 36.613



79, 31.879, 84.728



43, 4.019, 35.362



37, 75.246, 42.612



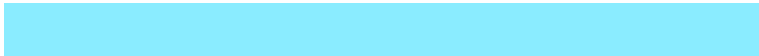
7, 21.394, 29.158

Inverse Universe

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



79, 23.308, 216.782



88, 30.147, 217.425



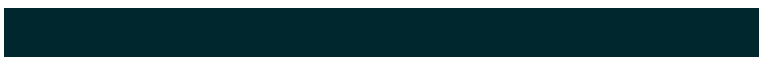
68, 31.380, 276.200



45, 3.784, 215.675



55, 32.606, 227.695



13, 13.159, 221.609

Previews

White Background



This preview shows how the CIELCh color 69, 30.897, 36.113 looks on a white background.

Color Contrast Check

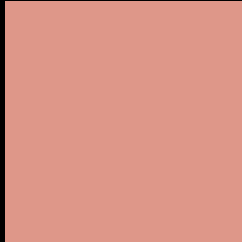
Large Text (above 18pt) WCAG AA × Fail

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 69, 30.897, 36.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

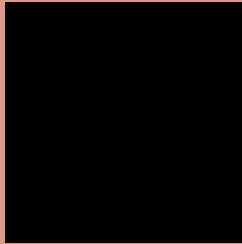
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.897, 36.113

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.897, 36.113.

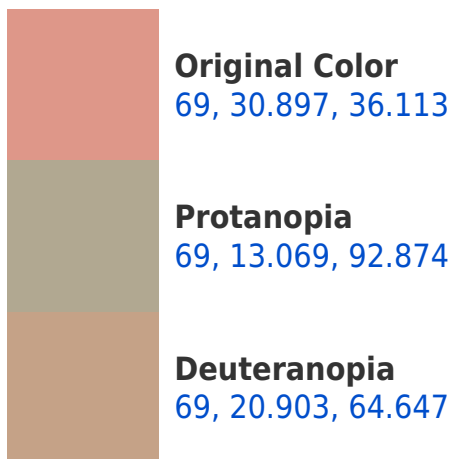


This preview shows how white text looks on a background with the CIELCh color 69, 30.897, 36.113.

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
69, 30.681, 11.404

Trichromacy



Original Color
69, 30.897, 36.113

Protanomaly
69, 16.855, 60.352

Deuteranomaly
69, 23.599, 51.138

Tritanomaly
69, 29.982, 20.290

Monochromacy



Original Color
69, 30.897, 36.113

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.612, 35.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.897, 36.113 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(222, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 137)  
}
```

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(222, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.897, 36.113 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(222, 151, 137) }
```

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

```
.border{ border-color:rgb(222, 151, 137) }
```

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

Here you see how a box with a 4 pixel rgb(222, 151, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.897, 36.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 137) }
```

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

```
.background{ background-color: rgb(222,  
151, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor