

Converting Colors

CIELCh(66, 39.960, 36.797)

Have a look what the booklet for
CIELCh(66, 39.960, 36.797) contains.

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Color

CIELCh(66, 40.127, 36.982)

Conversions

Conversions Part 1

Format	Color
Hex	E28977
RGB	226, 137, 119
RGB Percent	89%, 54%, 47%
CMY	0.1143, 0.4633, 0.5338
CMYK	0.00, 0.39, 0.47, 0.11
HSL	10°, 65%, 68%
HSV	10°, 47%, 89%
XYZ	43.5623, 35.3238, 21.9332
YIQ	161.5590, 58.8220, 13.2700

Conversions

Conversions Part 2

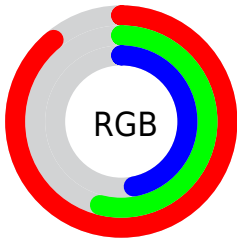
Format	Color
R _Y B	226, 141, 119
Decimal	14846327
CIE Lab	66.00, 32.05, 24.14
CIE LCh	66, 40.127, 36.982
Yxy	35.3238, 0.4321, 0.3504
Android (android.graphics.Color)	4293036407 (0xFFE28977)
YUV	161.5590, -20.9816, 56.5148
Hunter-Lab	59.4338, 26.8231, 19.7236

Details

The CIELCh color **66, 40.127, 36.982** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79, 27.926, 218.020**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.891, 43.102**, and **46, 40.001, 37.548** is the 20% darker color. If you saturate the color by 10%, you get **62, 50.482, 37.846**, and if you desaturate by 10%, it is **71, 30.392, 36.393**.

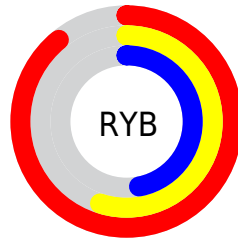
Distribution



Red (89%)

Green (54%)

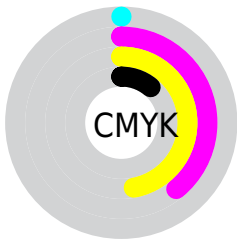
Blue (47%)



Red (89%)

Yellow (55%)

Blue (47%)

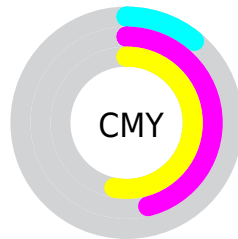


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 40.127, 36.982 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 66, 40.127, 36.982 by changing the saturation by 10% instead.

 66, 40.127, 36.982

 66, 40.127, 36.982

 100, 40.127,
36.982

 56, 40.127, 36.982

 86, 40.127, 36.982

 46, 40.127, 36.982

 96, 40.127, 36.982

 36, 40.127, 36.982

 26, 40.127, 36.982

 16, 40.127, 36.982

 6, 40.127, 36.982

 0, 40.127, 36.982

 66, 40.127, 36.982

 66, 40.127, 36.982

 62, 50.482, 37.846

 71, 30.392, 36.393

58, 61.297, 38.988

76, 21.345, 36.022

54, 72.206, 40.341

81, 12.987, 35.823

51, 82.398, 41.616

86, 5.284, 35.714

49, 90.257, 42.157

91, 1.816, 216.223

49, 92.032, 42.333

97, 8.373, 216.105

98, 9.895, 198.847

Harmonies

Complementary

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



66, 40.127, 36.982



79, 27.926, 218.020

Rectangle

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



66, 40.127, 36.982



66, 40.127, 86.982



66, 40.127, 216.982



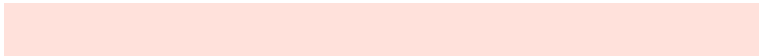
66, 40.127, 266.982

Sweetspot

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



66, 40.125, 36.986



92, 11.395, 35.784



65, 60.018, 332.402



48, 7.939, 35.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 40.125, 36.986



69, 55.355, 37.848



79, 40.763, 84.844



44, 4.087, 35.738



38, 75.991, 42.680



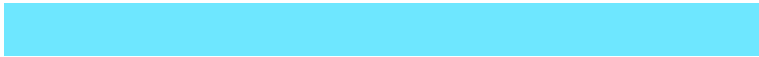
7, 22.791, 30.192

Inverse Universe

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



79, 27.926, 218.020



86, 35.031, 219.168



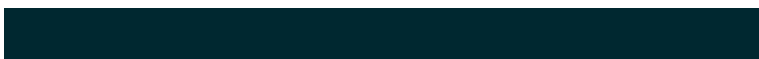
64, 40.543, 279.656



46, 3.848, 216.082



56, 32.965, 228.497



14, 13.585, 222.595

Previews

White Background



This preview shows how the CIELCh color 66, 40.127, 36.982 looks on a white background.

Color Contrast Check

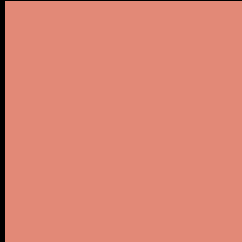
Large Text (above 18pt) WCAG AA × Fail

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 66, 40.127, 36.982 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 66, 40.127, 36.982

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.127, 36.982.



This preview shows how white text looks on a background with the CIELCh color 66, 40.127, 36.982.

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

66, 40.127, 36.982

Protanopia

66, 17.540, 94.795

Deuteranopia

66, 26.571, 71.234



Tritanopia
66, 38.929, 15.746

Trichromacy



Original Color
66, 40.127, 36.982

Protanomaly
66, 22.081, 60.516

Deuteranomaly
66, 30.112, 55.109

Tritanomaly
66, 38.775, 23.494

Monochromacy



Original Color
66, 40.127, 36.982

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.737, 34.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.127, 36.982 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, 137, 119)` looks like.

```
.text, #text, p{  
    color:rgb(226, 137, 119)  
}
```

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, 137, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 137, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.127, 36.982 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, 137, 119) }
```

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

```
.border{ border-color:rgb(226, 137, 119) }
```

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

Here you see how a box with a 4 pixel rgb(226, 137, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 137, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 137, 119);  
box-shadow:4px 4px 4px 4px rgb(226, 137,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.127, 36.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 137, 119) }
```

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

```
.background{ background-color: rgb(226,  
137, 119) }
```

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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