

Converting Colors

CIELCh(66, 41.068, 41.894)

Have a look what the booklet for
CIELCh(66, 41.068, 41.894) contains.

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Color

CIELCh(66, 41.068, 41.894)

Conversions

Conversions Part 1	
Format	Color
Hex	E18A71
RGB	225, 138, 113
RGB Percent	88%, 54%, 44%
CMY	0.1181, 0.4592, 0.5573
CMYK	0.00, 0.39, 0.50, 0.12
HSL	13°, 65%, 66%
HSV	13°, 50%, 88%
XYZ	43.0611, 35.3238, 20.1410
YIQ	161.1630, 59.8770, 10.6690

Conversions

Conversions Part 2

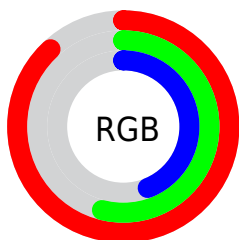
Format	Color
RYB	225, 145, 113
Decimal	14781041
CIELab	66.00, 30.57, 27.42
CIELCh	66, 41.068, 41.894
Yxy	35.3238, 0.4371, 0.3585
Android (android.graphics.Color)	4292971121 (0xFFE18A71)
YUV	161.1630, -23.7444, 55.9850
Hunter-Lab	59.4338, 25.3178, 21.5114

Details

The CIELCh color **66, 41.068, 41.894** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 28.356, 226.389**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 29.453, 49.525**, and **46, 40.815, 41.901** is the 20% darker color. If you saturate the color by 10%, you get **62, 51.234, 42.350**, and if you desaturate by 10%, it is **70, 31.513, 41.652**.

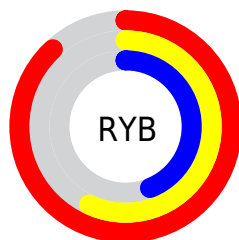
Distribution



Red (88%)

Green (54%)

Blue (44%)



Red (88%)

Yellow (57%)

Blue (44%)

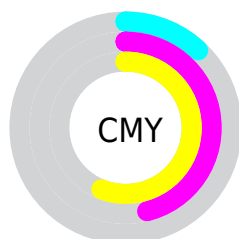


Cyan (0%)

Magenta (39%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (46%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 41.068, 41.894 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, 41.068, 41.894 by changing the saturation by 10% instead.

 66, 41.068, 41.894

 66, 41.068, 41.894

 100, 41.068,
41.894

 56, 41.068, 41.894

 86, 41.068, 41.894

 46, 41.068, 41.894

 96, 41.068, 41.894

 36, 41.068, 41.894

 26, 41.068, 41.894

 16, 41.068, 41.894

 6, 41.068, 41.894

 0, 41.068, 41.894

 66, 41.068, 41.894

 66, 41.068, 41.894

 62, 51.234, 42.350

 70, 31.513, 41.652

 58, 61.840, 42.993

 75, 22.634, 41.586

 55, 72.466, 43.712

 80, 14.425, 41.665

 52, 82.163, 44.157


 85, 6.851, 41.831

 50, 89.582, 43.924

 90, 0.141, 226.388

 50, 89.726, 43.928

 95, 6.608, 222.671

 98, 10.212,
198.826

Harmonies

Complementary

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



66, 41.068, 41.894



76, 28.356, 226.389

Rectangle

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



66, 41.068, 41.894



66, 41.068, 91.894



66, 41.068, 221.894



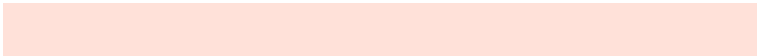
66, 41.068, 271.894

Sweetspot

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



66, 41.066, 41.898



92, 11.872, 41.738



63, 60.491, 334.535



48, 8.171, 41.703



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, 41.066, 41.898



69, 57.055, 42.385



79, 44.318, 88.491



45, 3.959, 41.837



39, 74.275, 44.358



8, 22.015, 33.744

Inverse Universe

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



76, 28.356, 226.389



83, 35.709, 228.314



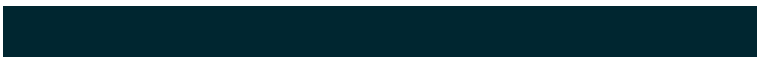
61, 45.575, 283.790



46, 3.737, 222.676



53, 33.743, 240.433



13, 13.588, 232.568

Previews

White Background



This preview shows how the CIELCh color 66, 41.068, 41.894 looks on a white background.

Color Contrast Check

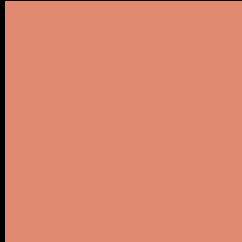
Large Text (above 18pt) WCAG AA × Fail

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 66, 41.068, 41.894 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, 41.068, 41.894

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.068, 41.894.



This preview shows how white text looks on a background with the CIELCh color 66, 41.068, 41.894.

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, 41.068, 41.894

Protanopia

66, 21.371, 95.548

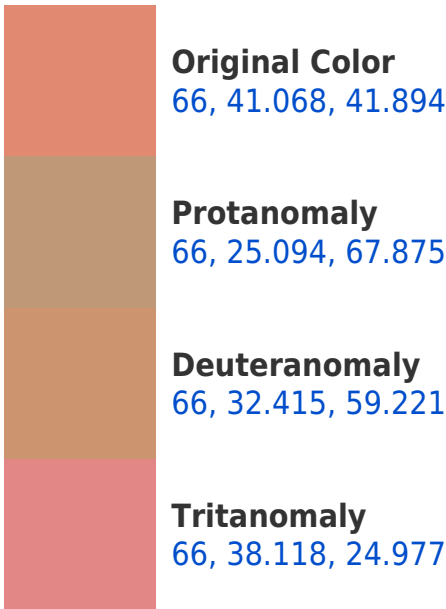
Deuteranopia

66, 29.620, 73.769

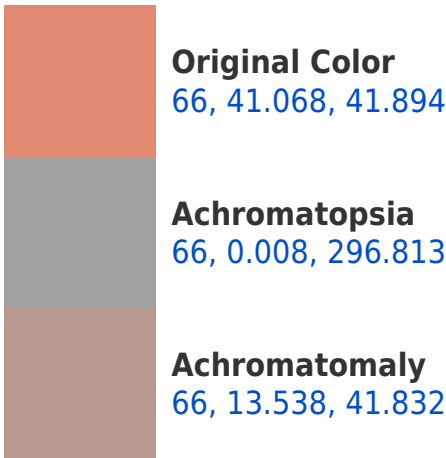


Tritanopia
66, 38.073, 15.443

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.068, 41.894 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(225, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(225, 138, 113)  
}
```

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(225, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 138, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.068, 41.894 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(225, 138, 113) }
```

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

```
.border{ border-color:rgb(225, 138, 113) }
```

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

Here you see how a box with a 4 pixel rgb(225, 138, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(225, 138,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.068, 41.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 138, 113) }
```

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

```
.background{ background-color: rgb(225,  
138, 113) }
```

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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