

Converting Colors

CIELCh(66, 37.668, 15.305)

Have a look what the booklet for
CIELCh(66, 37.668, 15.305) contains.

CIELCh(66, 37.668, 15.305)	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(66, 37.668, 15.305)

Conversions

Conversions Part 1

Format	Color
Hex	E28690
RGB	226, 134, 144
RGB Percent	89%, 53%, 56%
CMY	0.1129, 0.4737, 0.4346
CMYK	0.00, 0.41, 0.36, 0.11
HSL	353°, 62%, 71%
HSV	353°, 41%, 89%
XYZ	45.0286, 35.3238, 30.9043
YIQ	162.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

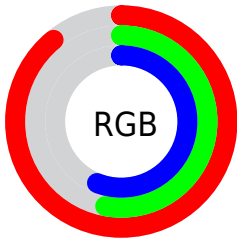
Format	Color
R _Y B	226, 134, 144
Decimal	14845584
CIE Lab	66.00, 36.33, 9.94
CIE LCh	66, 37.668, 15.305
Yxy	35.3238, 0.4047, 0.3175
Android (android.graphics.Color)	4293035664 (0xFFE28690)
YUV	162.6480, -9.1935, 55.5597
Hunter-Lab	59.4338, 31.2269, 10.7742

Details

The CIELCh color **66, 37.668, 15.305** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 29.993, 187.174**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.917, 9.968**, and **46, 37.782, 14.900** is the 20% darker color. If you saturate the color by 10%, you get **61, 47.871, 17.359**, and if you desaturate by 10%, it is **72, 27.681, 13.689**.

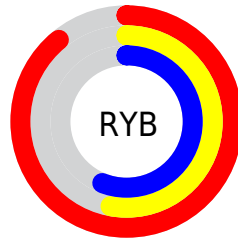
Distribution



Red (89%)

Green (53%)

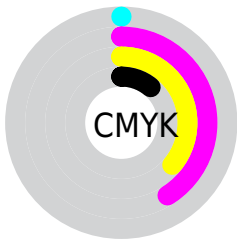
Blue (56%)



Red (89%)

Yellow (53%)

Blue (56%)

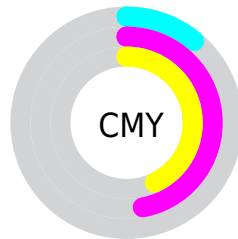


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 37.668, 15.305 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, 37.668, 15.305 by changing the saturation by 10% instead.

66, 37.668, 15.305

66, 37.668, 15.305

100, 37.668,
15.305

56, 37.668, 15.305

86, 37.668, 15.305

46, 37.668, 15.305

96, 37.668, 15.305

36, 37.668, 15.305

26, 37.668, 15.305

16, 37.668, 15.305

6, 37.668, 15.305

0, 37.668, 15.305

66, 37.668, 15.305

66, 37.668, 15.305

61, 47.871, 17.359

72, 27.681, 13.689

■ 56, 58.007, 19.972

■ 77, 18.112, 12.388

■ 53, 67.723, 23.277

■ 83, 9.059, 11.309

■ 50, 76.683, 27.325

■ 90, 0.559, 9.461

■ 48, 84.600, 31.923

■ 96, 7.399, 189.863

■ 47, 90.749, 36.001

■ 98, 9.775, 198.856

Harmonies

Complementary

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



66, 37.668, 15.305



84, 29.993, 187.174

Rectangle

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



66, 37.668, 15.305



66, 37.668, 65.305



66, 37.668, 195.305



66, 37.668, 245.305

Sweetspot

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



66, 37.665, 15.308



92, 11.272, 11.452



67, 56.912, 323.140



48, 7.508, 11.587



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, 37.665, 15.308



69, 50.894, 17.052



74, 30.984, 58.092



44, 4.767, 11.185



37, 74.540, 35.225



6, 25.336, 16.359

Inverse Universe

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



66, 37.665, 15.308



69, 50.894, 17.052



75, 25.233, 248.006



44, 4.767, 11.185



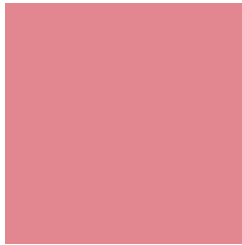
37, 74.540, 35.225



6, 25.336, 16.359

Previews

White Background



This preview shows how the CIELCh color 66, 37.668, 15.305 looks on a white background.

Color Contrast Check

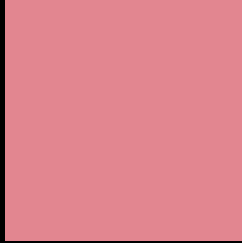
Large Text (above 18pt) WCAG AA × Fail

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, 37.668, 15.305 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, 37.668, 15.305

Background



This preview shows how black text looks on a background with the CIELCh color 66, 37.668, 15.305.



This preview shows how white text looks on a background with the CIELCh color 66, 37.668, 15.305.

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, 37.668, 15.305

Protanopia
66, 1.881, 55.190

Deuteranopia
66, 14.184, 53.023



Tritanopia
66, 37.668, 15.305

Trichromacy



Original Color
66, 37.668, 15.305

Protanomaly
66, 14.322, 16.369

Deuteranomaly
66, 21.533, 28.681

Tritanomaly
66, 37.668, 15.305

Monochromacy



Original Color
66, 37.668, 15.305

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.099, 13.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 37.668, 15.305 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, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(226, 134, 144)  
}
```

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, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 134, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 37.668, 15.305 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, 134, 144) }
```

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

```
.border{ border-color:rgb(226, 134, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 134, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(226, 134,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 37.668, 15.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 134, 144) }
```

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

```
.background{ background-color: rgb(226,  
134, 144) }
```

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