

Converting Colors

CIELCh(66, 37.434, 14.900)

Have a look what the booklet for
CIELCh(66, 37.434, 14.900) contains.

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Color

CIELCh(66, 37.647, 14.478)

Conversions

Conversions Part 1

Format	Color
Hex	E28691
RGB	226, 134, 145
RGB Percent	89%, 53%, 57%
CMY	0.1132, 0.4740, 0.4309
CMYK	0.00, 0.41, 0.36, 0.11
HSL	353°, 61%, 71%
HSV	353°, 41%, 89%
XYZ	45.0700, 35.3238, 31.2801
YIQ	162.7620, 51.3010, 22.9250

Conversions

Conversions Part 2

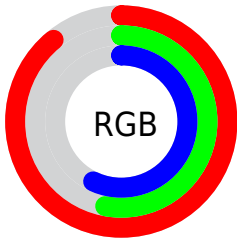
Format	Color
RYB	226, 134, 145
Decimal	14845585
CIELab	66.00, 36.45, 9.41
CIELCh	66, 37.647, 14.478
Yxy	35.3238, 0.4036, 0.3163
Android (android.graphics.Color)	4293035665 (0xFFE28691)
YUV	162.7620, -8.7567, 55.4597
Hunter-Lab	59.4338, 31.3512, 10.3993

Details

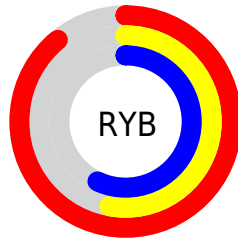
The CIELCh color **66, 37.647, 14.478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 30.168, 186.193**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.977, 8.824**, and **46, 37.745, 14.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 47.789, 16.539**, and if you desaturate by 10%, it is **72, 27.695, 12.852**.

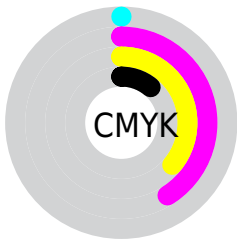
Distribution



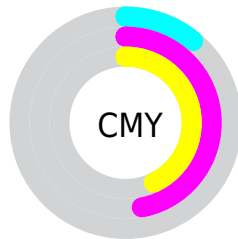
- Red (89%)
- Green (53%)
- Blue (57%)



- Red (89%)
- Yellow (53%)
- Blue (57%)



- 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, 37.647, 14.478 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, 37.647, 14.478 by changing the saturation by 10% instead.

 66, 37.647, 14.478

 66, 37.647, 14.478

 100, 37.647,
14.478

 56, 37.647, 14.478

 86, 37.647, 14.478

 46, 37.647, 14.478

 96, 37.647, 14.478

 36, 37.647, 14.478

 26, 37.647, 14.478

 16, 37.647, 14.478

 6, 37.647, 14.478

 0, 37.647, 14.478

 66, 37.647, 14.478

 66, 37.647, 14.478

 61, 47.789, 16.539

 72, 27.695, 12.852

■ 56, 57.835, 19.158

■ 77, 18.139, 11.540

■ 53, 67.426, 22.472

■ 83, 9.084, 10.447

■ 50, 76.235, 26.544

■ 90, 0.568, 8.606

■ 48, 84.009, 31.209

■ 96, 7.414, 188.969

■ 47, 90.126, 35.428

■ 98, 9.798, 198.854

Harmonies

Complementary

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



66, 37.647, 14.478



84, 30.168, 186.193

Rectangle

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



66, 37.647, 14.478



66, 37.647, 64.478



66, 37.647, 194.478



66, 37.647, 244.478

Sweetspot

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



66, 37.644, 14.481



92, 11.294, 10.591



67, 56.718, 322.634



48, 7.522, 10.728



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, 37.644, 14.481



69, 50.818, 16.229



73, 31.013, 56.321



44, 4.778, 10.320



37, 74.034, 34.618



6, 25.324, 15.897

Inverse Universe

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



66, 37.644, 14.481



69, 50.818, 16.229



75, 24.959, 245.721



44, 4.778, 10.320



37, 74.034, 34.618



6, 25.324, 15.897

Previews

White Background



This preview shows how the CIELCh color 66, 37.647, 14.478 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, 37.647, 14.478 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, 37.647, 14.478

Background



This preview shows how black text looks on a background with the CIELCh color 66, 37.647, 14.478.

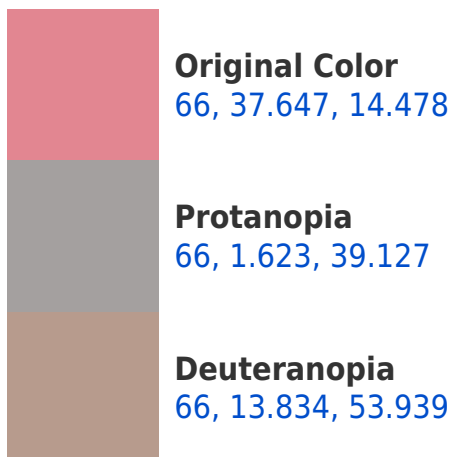


This preview shows how white text looks on a background with the CIELCh color 66, 37.647, 14.478.

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
66, 37.668, 15.305

Trichromacy



Original Color
66, 37.647, 14.478

Protanomaly
66, 14.338, 14.180

Deuteranomaly
66, 21.533, 28.681

Tritanomaly
66, 37.668, 15.305

Monochromacy



Original Color
66, 37.647, 14.478

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, 37.647, 14.478 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(226, 134, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 134, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 37.647, 14.478 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, 145) }
```

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

```
.border{ border-color:rgb(226, 134, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(226, 134,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 37.647, 14.478 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, 145) }
```

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

```
.background{ background-color: rgb(226,  
134, 145) }
```

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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