

Converting Colors

CIELCh(65, 39.016, 13.898)

Have a look what the booklet for
CIELCh(65, 39.016, 13.898) contains.

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Color

CIELCh(65, 39.009, 13.442)

Conversions

Conversions Part 1

Format	Color
Hex	E1828F
RGB	225, 130, 143
RGB Percent	88%, 51%, 56%
CMY	0.1168, 0.4894, 0.4385
CMYK	0.00, 0.42, 0.36, 0.12
HSL	352°, 61%, 70%
HSV	352°, 42%, 88%
XYZ	44.0986, 34.0472, 30.3090
YIQ	159.8870, 52.4470, 24.1830

Conversions

Conversions Part 2

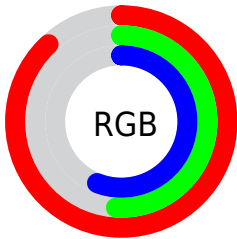
Format	Color
R _Y B	225, 130, 143
Decimal	14779023
CIE Lab	65.00, 37.94, 9.07
CIE LCh	65, 39.009, 13.442
Yxy	34.0472, 0.4066, 0.3139
Android (android.graphics.Color)	4292969103 (0xFFE1828F)
YUV	159.8870, -8.3253, 57.1041
Hunter-Lab	58.3500, 32.7909, 10.0477

Details

The CIELCh color **65, 39.009, 13.442** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 31.308, 184.521**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.726, 7.603**, and **45, 39.142, 13.169** is the 20% darker color. If you saturate the color by 10%, you get **60, 49.030, 15.583**, and if you desaturate by 10%, it is **70, 29.098, 11.749**.

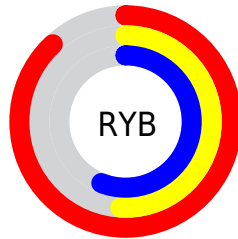
Distribution



Red (88%)

Green (51%)

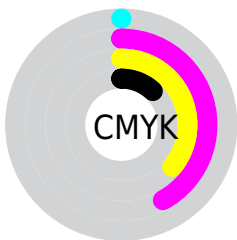
Blue (56%)



Red (88%)

Yellow (51%)

Blue (56%)

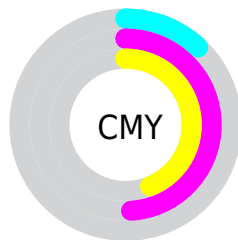


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (12%)



Cyan (12%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 39.009, 13.442 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 65, 39.009, 13.442 by changing the saturation by 10% instead.

65, 39.009, 13.442

65, 39.009, 13.442

100, 39.009,
13.442

55, 39.009, 13.442

85, 39.009, 13.442

45, 39.009, 13.442

95, 39.009, 13.442

35, 39.009, 13.442

25, 39.009, 13.442

15, 39.009, 13.442

5, 39.009, 13.442

0, 39.009, 13.442

65, 39.009, 13.442

65, 39.009, 13.442

60, 49.030, 15.583

70, 29.098, 11.749

■ 56, 58.855, 18.301

■ 76, 19.524, 10.381

■ 52, 68.121, 21.735

■ 82, 10.413, 9.245

■ 49, 76.523, 25.946

■ 88, 1.816, 8.059

■ 48, 83.869, 30.763

■ 94, 6.261, 187.687

■ 47, 88.856, 34.440

■ 98, 10.102,
198.833

Harmonies

Complementary

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



65, 39.009, 13.442



84, 31.308, 184.521

Rectangle

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



65, 39.009, 13.442



65, 39.009, 63.442



65, 39.009, 193.442



65, 39.009, 243.442

Sweetspot

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



65, 39.006, 13.445



91, 12.316, 9.340



66, 58.355, 322.187



47, 8.676, 9.581



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 39.006, 13.445



68, 52.936, 15.384



72, 32.288, 54.459



44, 4.796, 8.958



37, 73.216, 33.593



6, 25.307, 15.164

Inverse Universe

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



65, 39.006, 13.445



68, 52.936, 15.384



75, 25.442, 243.707



44, 4.796, 8.958



37, 73.216, 33.593



6, 25.307, 15.164

Previews

White Background



This preview shows how the CIELCh color 65, 39.009, 13.442 looks on a white background.

Color Contrast Check

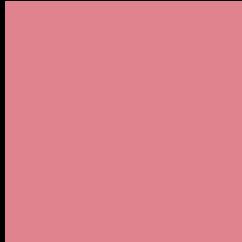
Large Text (above 18pt) WCAG AA × Fail

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 65, 39.009, 13.442 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 65, 39.009, 13.442

Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.009, 13.442.

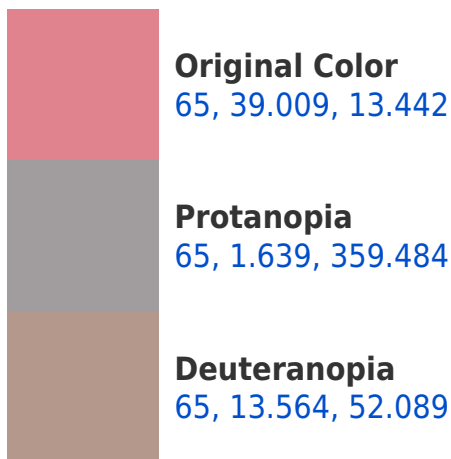


This preview shows how white text looks on a background with the CIELCh color 65, 39.009, 13.442.

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
65, 38.655, 16.482

Trichromacy



Original Color
65, 39.009, 13.442

Protanomaly
64, 14.984, 8.133

Deuteranomaly
65, 21.391, 25.865

Tritanomaly
65, 38.619, 15.675

Monochromacy



Original Color
65, 39.009, 13.442

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 14.077, 9.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 39.009, 13.442 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, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(225, 130, 143)  
}
```

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, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 130, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 39.009, 13.442 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, 130, 143) }
```

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

```
.border{ border-color:rgb(225, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(225, 130,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 39.009, 13.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 130, 143) }
```

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

```
.background{ background-color: rgb(225,  
130, 143) }
```

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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