

Converting Colors

CIELCh(68, 42.063, 17.391)

Have a look what the booklet for
CIELCh(68, 42.063, 17.391) contains.

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Color

CIELCh(68, 42.063, 17.391)

Conversions

Conversions Part 1

Format	Color
Hex	EF8891
RGB	239, 136, 145
RGB Percent	94%, 53%, 57%
CMY	0.0630, 0.4669, 0.4316
CMYK	0.00, 0.43, 0.39, 0.06
HSL	355°, 76%, 74%
HSV	355°, 43%, 94%
XYZ	49.4748, 37.9720, 31.4854
YIQ	167.8230, 58.4990, 24.6350

Conversions

Conversions Part 2

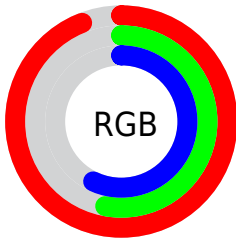
Format	Color
RYB	239, 136, 145
Decimal	15698065
CIELab	68.00, 40.14, 12.57
CIELCh	68, 42.063, 17.391
Yxy	37.9720, 0.4160, 0.3193
Android (android.graphics.Color)	4293888145 (0xFFEF8891)
YUV	167.8230, -11.2517, 62.4222
Hunter-Lab	61.6215, 35.4771, 12.8408

Details

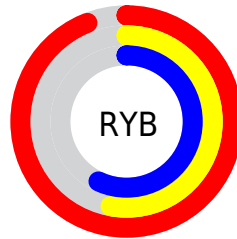
The CIELCh color **68, 42.063, 17.391** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 32.517, 188.915**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 24.604, 11.680**, and **48, 41.916, 17.348** is the 20% darker color. If you saturate the color by 10%, you get **63, 52.883, 19.565**, and if you desaturate by 10%, it is **74, 31.455, 15.693**.

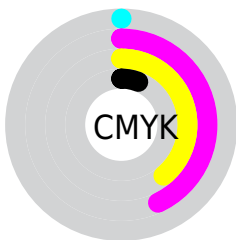
Distribution



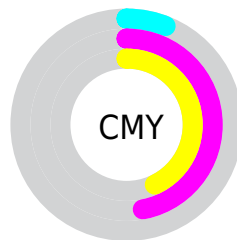
- Red (94%)
- Green (53%)
- Blue (57%)



- Red (94%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (6%)



- Cyan (6%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 42.063, 17.391 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 68, 42.063, 17.391 by changing the saturation by 10% instead.

68, 42.063, 17.391

68, 42.063, 17.391

100, 42.063,
17.391

58, 42.063, 17.391

88, 42.063, 17.391

48, 42.063, 17.391

98, 42.063, 17.391

38, 42.063, 17.391

28, 42.063, 17.391

18, 42.063, 17.391

8, 42.063, 17.391

0, 42.063, 17.391

68, 42.063, 17.391

68, 42.063, 17.391

63, 52.883, 19.565

74, 31.455, 15.693

■ 58, 63.606, 22.338

■ 80, 21.289, 14.344

■ 55, 73.854, 25.821

■ 86, 11.681, 13.246

■ 52, 83.262, 29.984

■ 92, 2.675, 12.193

■ 51, 91.385, 34.457

■ 99, 5.568, 193.761

■ 50, 95.880, 37.139

■ 99, 5.525, 199.175

Harmonies

Complementary

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



68, 42.063, 17.391



88, 32.517, 188.915

Rectangle

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



68, 42.063, 17.391



68, 42.063, 67.391



68, 42.063, 197.391



68, 42.063, 247.391

Sweetspot

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



68, 42.060, 17.394



91, 12.215, 13.240



70, 63.093, 323.750



47, 8.611, 13.466



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 42.060, 17.394



67, 54.507, 19.342



77, 34.612, 59.630



47, 5.017, 12.887



38, 78.040, 36.449



8, 29.403, 20.274

Inverse Universe

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



68, 42.060, 17.394



67, 54.507, 19.342



77, 28.135, 250.843



47, 5.017, 12.887



38, 78.040, 36.449



8, 29.403, 20.274

Previews

White Background



This preview shows how the CIELCh color 68, 42.063, 17.391 looks on a white background.

Color Contrast Check

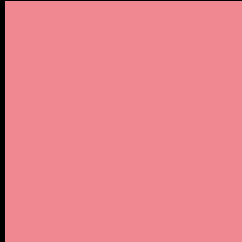
Large Text (above 18pt) WCAG AA × Fail

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 68, 42.063, 17.391 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 68, 42.063, 17.391

Background



This preview shows how black text looks on a background with the CIELCh color 68, 42.063, 17.391.



This preview shows how white text looks on a background with the CIELCh color 68, 42.063, 17.391.

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
68, 42.063, 17.391

Protanopia
68, 2.902, 68.462

Deuteranopia
68, 16.522, 59.003



Tritanopia
68, 42.015, 16.657

Trichromacy



Original Color
68, 42.063, 17.391



Protanomaly
67, 16.303, 19.011



Deuteranomaly
68, 24.102, 33.184



Tritanomaly
68, 42.015, 16.657

Monochromacy



Original Color
68, 42.063, 17.391



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 15.079, 12.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 42.063, 17.391 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(239, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(239, 136, 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(239, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 136, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 42.063, 17.391 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(239, 136, 145) }
```

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

```
.border{ border-color:rgb(239, 136, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 136, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(239, 136,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 42.063, 17.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 136, 145) }
```

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

```
.background{ background-color: rgb(239,  
136, 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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