

Converting Colors

CIELCh(70, 37.160, 14.159)

Have a look what the booklet for
CIELCh(70, 37.160, 14.159) contains.

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Color

CIELCh(70, 37.160, 14.159)

Conversions

Conversions Part 1

Format	Color
Hex	ED919C
RGB	237, 145, 156
RGB Percent	93%, 57%, 61%
CMY	0.0698, 0.4307, 0.3875
CMYK	0.00, 0.39, 0.34, 0.07
HSL	353°, 72%, 75%
HSV	353°, 39%, 93%
XYZ	51.1585, 40.7494, 36.6992
YIQ	173.7620, 51.3010, 22.9250

Conversions

Conversions Part 2

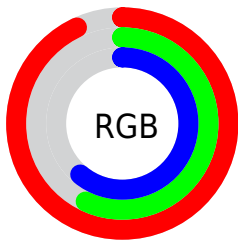
Format	Color
R _Y B	237, 145, 156
Decimal	15569308
CIE Lab	70.00, 36.03, 9.09
CIE LCh	70, 37.160, 14.159
Yxy	40.7494, 0.3978, 0.3169
Android (android.graphics.Color)	4293759388 (0xFFED919C)
YUV	173.7620, -8.7567, 55.4597
Hunter-Lab	63.8353, 31.3406, 10.5986

Details

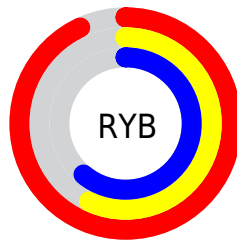
The CIELCh color **70, 37.160, 14.159** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 30.101, 186.353**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 21.146, 6.861**, and **50, 37.186, 14.267** is the 20% darker color. If you saturate the color by 10%, you get **65, 47.686, 16.140**, and if you desaturate by 10%, it is **76, 26.876, 12.594**.

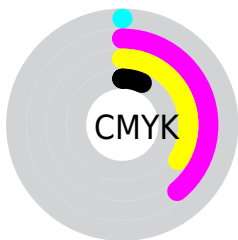
Distribution



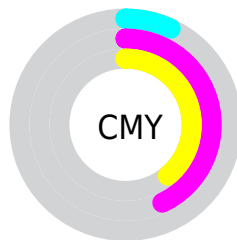
- Red (93%)
- Green (57%)
- Blue (61%)



- Red (93%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (43%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 37.160, 14.159 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 70, 37.160, 14.159 by changing the saturation by 10% instead.

 70, 37.160, 14.159

 70, 37.160, 14.159

 100, 37.160,
14.159

 60, 37.160, 14.159

 90, 37.160, 14.159

 50, 37.160, 14.159


 40, 37.160, 14.159

 30, 37.160, 14.159

 20, 37.160, 14.159

 10, 37.160, 14.159

 0, 37.160, 14.159

 70, 37.160, 14.159

 70, 37.160, 14.159

 65, 47.686, 16.140

 76, 26.876, 12.594

■ 60, 58.172, 18.658

■ 82, 17.033, 11.325

■ 56, 68.250, 21.853

■ 88, 7.722, 10.257

■ 53, 77.564, 25.810

■ 95, 1.024, 190.072

■ 51, 85.844, 30.417

■ 99, 6.112, 199.127

■ 50, 92.802, 35.078

■ 50, 93.570, 35.558

Harmonies

Complementary

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



70, 37.160, 14.159



88, 30.101, 186.353

Rectangle

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



70, 37.160, 14.159



70, 37.160, 64.159



70, 37.160, 194.159



70, 37.160, 244.159

Sweetspot

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



70, 37.157, 14.162



92, 11.294, 10.591



71, 56.285, 322.560



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.



70, 37.157, 14.162



70, 48.577, 15.789



77, 30.544, 56.456



47, 5.045, 10.327



38, 76.541, 34.773



8, 29.271, 18.952

Inverse Universe

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



70, 37.157, 14.162



70, 48.577, 15.789



79, 24.854, 245.344



47, 5.045, 10.327



38, 76.541, 34.773



8, 29.271, 18.952

Previews

White Background



This preview shows how the CIELCh color 70, 37.160, 14.159 looks on a white background.

Color Contrast Check

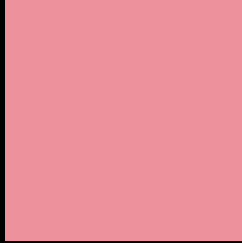
Large Text (above 18pt) WCAG AA × Fail

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 70, 37.160, 14.159 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 70, 37.160, 14.159

Background



This preview shows how black text looks on a background with the CIELCh color 70, 37.160, 14.159.

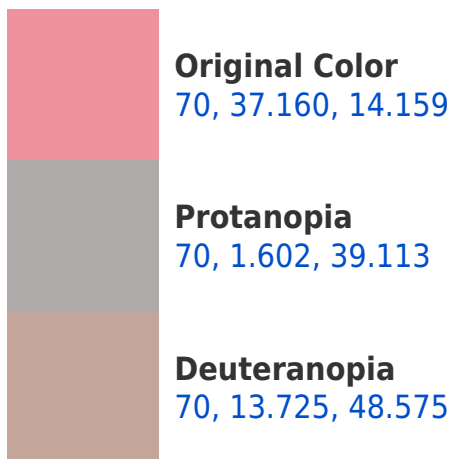


This preview shows how white text looks on a background with the CIELCh color 70, 37.160, 14.159.

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](#).

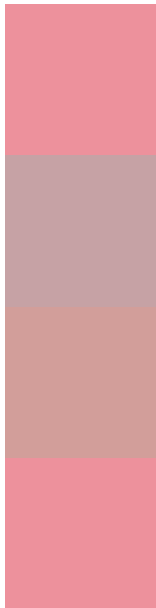
Dichromacy





Tritanopia
70, 37.160, 14.159

Trichromacy



Original Color
70, 37.160, 14.159

Protanomaly
70, 14.139, 14.072

Deuteranomaly
70, 21.076, 27.153

Tritanomaly
70, 37.160, 14.159

Monochromacy



Original Color
70, 37.160, 14.159

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.972, 10.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 37.160, 14.159 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(237, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 145, 156)  
}
```

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(237, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 145, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 37.160, 14.159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

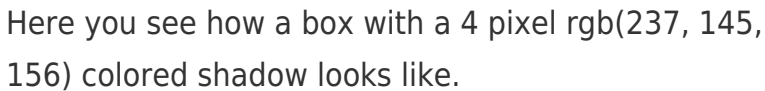
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 145, 156) }
```

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

```
.border{ border-color:rgb(237, 145, 156) }
```

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



Here you see how a box with a 4 pixel rgb(237, 145, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 145,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 37.160, 14.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 145, 156) }
```

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

```
.background{ background-color: rgb(237,  
145, 156) }
```

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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