

Converting Colors

CIELCh(70, 48.120, 10.232)

Have a look what the booklet for
CIELCh(70, 48.120, 10.232) contains.

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Color

CIELCh(70, 48.143, 10.142)

Conversions

Conversions Part 1

Format	Color
Hex	FE879E
RGB	254, 135, 158
RGB Percent	100%, 53%, 62%
CMY	0.0049, 0.4714, 0.3812
CMYK	0.00, 0.47, 0.38, 0.00
HSL	348°, 98%, 76%
HSV	348°, 47%, 100%
XYZ	55.5658, 40.7494, 37.1858
YIQ	173.2030, 63.5410, 32.3810

Conversions

Conversions Part 2

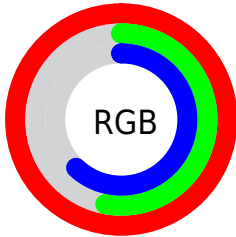
Format	Color
R_{YB}	254, 135, 158
Decimal	16680862
CIE _{Lab}	70.00, 47.39, 8.48
CIE _{LCh}	70, 48.143, 10.142
Yxy	40.7494, 0.4162, 0.3052
Android (android.graphics.Color)	4294870942 (0xFFFE879E)
YUV	173.2030, -7.4951, 70.8590
Hunter-Lab	63.8353, 43.6648, 10.1466

Details

The CIELCh color **70, 48.143, 10.142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 39.042, 179.132**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 26.609, 356.043**, and **50, 48.318, 9.836** is the 20% darker color. If you saturate the color by 10%, you get **65, 58.747, 12.549**, and if you desaturate by 10%, it is **76, 37.334, 8.235**.

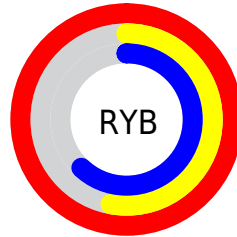
Distribution



Red (100%)

Green (53%)

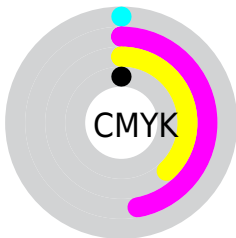
Blue (62%)



Red (100%)

Yellow (53%)

Blue (62%)

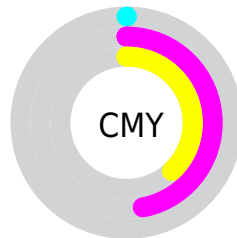


Cyan (0%)

Magenta (47%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.143, 10.142 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, 48.143, 10.142 by changing the saturation by 10% instead.

 70, 48.143, 10.142

 70, 48.143, 10.142

 100, 48.143,
10.142

 60, 48.143, 10.142

 90, 48.143, 10.142

 50, 48.143, 10.142

 40, 48.143, 10.142

 30, 48.143, 10.142

 20, 48.143, 10.142

 10, 48.143, 10.142

 0, 48.143, 10.142

 70, 48.143, 10.142

 70, 48.143, 10.142

 65, 58.747, 12.549

 76, 37.334, 8.235

■ 60, 68.738, 15.602

■ 82, 26.660, 6.693

■ 57, 77.713, 19.453

■ 88, 16.338, 5.417

■ 55, 85.453, 24.154

■ 95, 6.486, 4.303

■ 53, 92.018, 29.481

100, 0.435,
200.900

■ 53, 93.968, 31.088

Harmonies

Complementary

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



70, 48.143, 10.142



92, 39.042, 179.132

Rectangle

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



70, 48.143, 10.142



70, 48.143, 60.142



70, 48.143, 190.142



70, 48.143, 240.142

Sweetspot

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



70, 48.140, 10.145



91, 13.500, 5.086



70, 70.482, 320.835



47, 9.373, 5.332



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, 48.140, 10.145



66, 58.060, 12.316



77, 40.782, 49.127



50, 5.417, 4.590



40, 75.275, 30.092



10, 32.023, 19.065

Inverse Universe

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



70, 48.140, 10.145



66, 58.060, 12.316



83, 29.965, 237.488



50, 5.417, 4.590



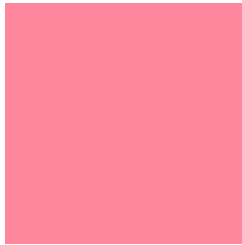
40, 75.275, 30.092



10, 32.023, 19.065

Previews

White Background



This preview shows how the CIELCh color 70, 48.143, 10.142 looks on a white background.

Color Contrast Check

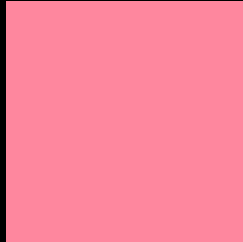
Large Text (above 18pt) WCAG AA × Fail

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 70, 48.143, 10.142 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, 48.143, 10.142

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.143, 10.142.



This preview shows how white text looks on a background with the CIELCh color 70, 48.143, 10.142.

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

70, 48.143, 10.142

Protanopia

70, 3.918, 301.481

Deuteranopia

70, 13.725, 48.575



Tritanopia
70, 47.185, 18.053

Trichromacy



Original Color
70, 48.143, 10.142



Protanomaly
69, 18.353, 358.509



Deuteranomaly
70, 24.911, 20.526



Tritanomaly
70, 47.389, 14.962

Monochromacy



Original Color
70, 48.143, 10.142



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 17.266, 6.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.143, 10.142 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(254, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(254, 135, 158)  
}
```

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(254, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 135, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.143, 10.142 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(254, 135, 158) }
```

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

```
.border{ border-color:rgb(254, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(254, 135,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.143, 10.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 135, 158) }
```

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

```
.background{ background-color: rgb(254,  
135, 158) }
```

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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