

Converting Colors

CIELCh(70, 40.421, 24.270)

Have a look what the booklet for
CIELCh(70, 40.421, 24.270) contains.

CIELCh(70, 40.439, 24.185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 40.439, 24.185)

Conversions

Conversions Part 1

Format	Color
Hex	F2908F
RGB	242, 144, 143
RGB Percent	95%, 56%, 56%
CMY	0.0515, 0.4357, 0.4396
CMYK	0.00, 0.41, 0.41, 0.05
HSL	1°, 79%, 75%
HSV	1°, 41%, 95%
XYZ	51.4831, 40.7494, 31.0966
YIQ	173.1880, 58.7290, 20.4650

Conversions

Conversions Part 2

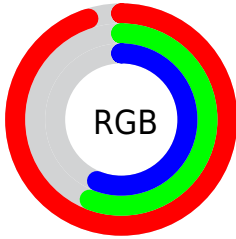
Format	Color
R _Y B	242, 144, 143
Decimal	15896719
CIE _{Lab}	70.00, 36.89, 16.57
CIE _{LCh}	70, 40.439, 24.185
Y _{xy}	40.7494, 0.4174, 0.3304
Android (android.graphics.Color)	4294086799 (0xFFFF2908F)
Y _{UV}	173.1880, -14.8827, 60.3481
Hunter-Lab	63.8353, 32.2483, 15.8023

Details

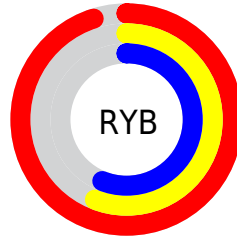
The CIELCh color **70, 40.439, 24.185** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 30.090, 198.493**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.439, 23.807**, and **50, 40.352, 24.196** is the 20% darker color. If you saturate the color by 10%, you get **65, 51.914, 26.027**, and if you desaturate by 10%, it is **76, 29.479, 22.786**.

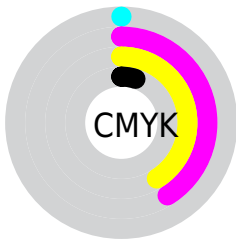
Distribution



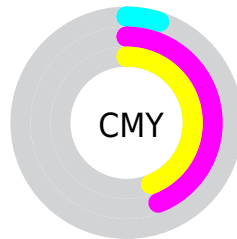
- Red (95%)
- Green (56%)
- Blue (56%)



- Red (95%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 40.439, 24.185 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, 40.439, 24.185 by changing the saturation by 10% instead.

 70, 40.439, 24.185

 70, 40.439, 24.185

 100, 40.439,
24.185

 60, 40.439, 24.185

 90, 40.439, 24.185

 50, 40.439, 24.185

 40, 40.439, 24.185

 30, 40.439, 24.185

 20, 40.439, 24.185

 10, 40.439, 24.185

 0, 40.439, 24.185

 70, 40.439, 24.185

 70, 40.439, 24.185

 65, 51.914, 26.027

 76, 29.479, 22.786

■ 60, 63.649, 28.405

■ 82, 19.190, 21.713

■ 56, 75.254, 31.377

■ 88, 9.627, 20.870

■ 53, 86.149, 34.801

■ 95, 0.783, 19.499

■ 51, 95.169, 38.055

■ 99, 4.524, 199.265

■ 51, 100.350,
40.076

Harmonies

Complementary

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



70, 40.439, 24.185



89, 30.090, 198.493

Rectangle

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



70, 40.439, 24.185



70, 40.439, 74.185



70, 40.439, 204.185



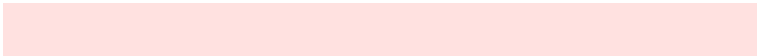
70, 40.439, 254.185

Sweetspot

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



70, 40.436, 24.189



92, 11.088, 20.956



73, 61.963, 326.634



48, 7.393, 21.059



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, 40.436, 24.189



69, 51.872, 25.662



81, 33.633, 70.272



47, 4.942, 20.759



38, 81.561, 40.104



8, 29.612, 24.343

Inverse Universe

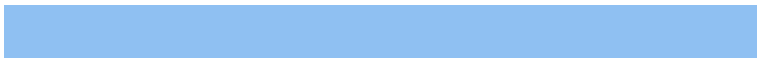
The Inverse Universe completely reimagines the original color for something new.



89, 30.090, 198.493



93, 36.033, 198.256



76, 29.886, 262.615



49, 4.653, 199.852



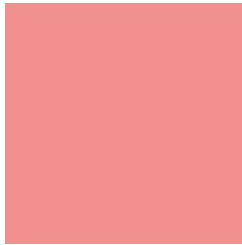
67, 38.595, 197.965



20, 16.882, 197.743

Previews

White Background



This preview shows how the CIELCh color 70, 40.439, 24.185 looks on a white background.

Color Contrast Check

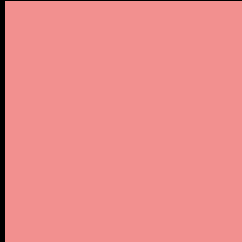
Large Text (above 18pt) WCAG AA × Fail

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, 40.439, 24.185 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, 40.439, 24.185

Background



This preview shows how black text looks on a background with the CIELCh color 70, 40.439, 24.185.



This preview shows how white text looks on a background with the CIELCh color 70, 40.439, 24.185.

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, 40.439, 24.185

Protanopia

70, 8.094, 89.648

Deuteranopia

70, 20.103, 64.552



Tritanopia
70, 40.886, 15.477

Trichromacy



Original Color
70, 40.439, 24.185

Protanomaly
70, 16.896, 37.495

Deuteranomaly
70, 26.040, 41.940

Tritanomaly
70, 40.673, 19.100

Monochromacy



Original Color
70, 40.439, 24.185

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 14.148, 20.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 40.439, 24.185 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(242, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 144, 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(242, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 144, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 40.439, 24.185 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(242, 144, 143) }
```

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

```
.border{ border-color:rgb(242, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(242, 144,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 40.439, 24.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 144, 143) }
```

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

```
.background{ background-color: rgb(242,  
144, 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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