

Converting Colors

CIELCh(71, 40.068, 28.068)

Have a look what the booklet for
CIELCh(71, 40.068, 28.068) contains.

CIELCh(71, 40.211, 28.491)	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(71, 40.211, 28.491)

Conversions

Conversions Part 1

Format	Color
Hex	F4948D
RGB	244, 148, 141
RGB Percent	96%, 58%, 55%
CMY	0.0443, 0.4207, 0.4481
CMYK	0.00, 0.39, 0.42, 0.04
HSL	4°, 82%, 75%
HSV	4°, 42%, 96%
XYZ	52.5368, 42.1875, 30.4704
YIQ	175.9060, 59.4630, 18.1750

Conversions

Conversions Part 2

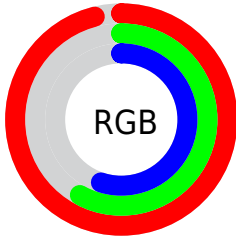
Format	Color
RYB	244, 149, 141
Decimal	16028813
CIELab	71.00, 35.34, 19.18
CIELCh	71, 40.211, 28.491
Yxy	42.1875, 0.4196, 0.3370
Android (android.graphics.Color)	4294218893 (0xFFFF4948D)
YUV	175.9060, -17.2087, 59.7184
Hunter-Lab	64.9519, 30.7151, 17.6521

Details

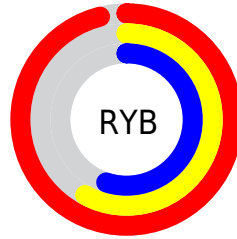
The CIELCh color **71, 40.211, 28.491** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 29.293, 204.793**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.448, 32.529**, and **51, 40.182, 28.600** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.499, 29.985**, and if you desaturate by 10%, it is **77, 29.530, 27.375**.

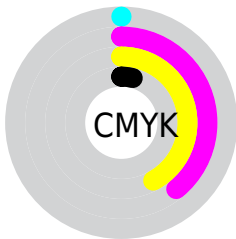
Distribution



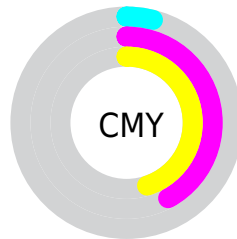
- Red (96%)
- Green (58%)
- Blue (55%)



- Red (96%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 40.211, 28.491 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 71, 40.211, 28.491 by changing the saturation by 10% instead.

71, 40.211, 28.491

71, 40.211, 28.491

100, 40.211,
28.491

61, 40.211, 28.491

91, 40.211, 28.491

51, 40.211, 28.491

41, 40.211, 28.491

31, 40.211, 28.491

21, 40.211, 28.491

11, 40.211, 28.491

1, 40.211, 28.491

0, 40.211, 28.491

71, 40.211, 28.491

71, 40.211, 28.491

66, 51.499, 29.985

77, 29.530, 27.375

61, 63.197, 31.919

82, 19.563, 26.543

57, 74.952, 34.312

88, 10.335, 25.916

54, 86.137, 36.995

95, 1.821, 25.195

52, 95.400, 39.353

99, 3.905, 199.327

51, 100.157,
40.545

Harmonies

Complementary

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



71, 40.211, 28.491



88, 29.293, 204.793

Rectangle

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



71, 40.211, 28.491



71, 40.211, 78.491



71, 40.211, 208.491



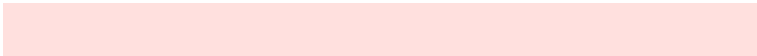
71, 40.211, 258.491

Sweetspot

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



71, 40.209, 28.495



92, 11.417, 25.960



72, 61.437, 328.680



48, 8.062, 26.088



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 40.209, 28.495



69, 51.958, 29.797



83, 36.116, 76.652



48, 4.759, 25.764



39, 81.599, 40.720



9, 29.612, 28.620

Inverse Universe

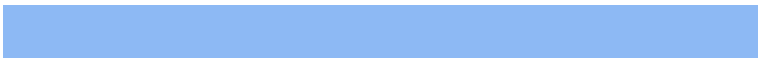
The Inverse Universe completely reimagines the original color for something new.



88, 29.293, 204.793



91, 34.958, 204.902



74, 33.623, 269.876



50, 4.474, 205.265



65, 36.276, 207.972



20, 16.287, 206.310

Previews

White Background



This preview shows how the CIELCh color 71, 40.211, 28.491 looks on a white background.

Color Contrast Check

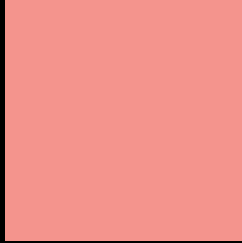
Large Text (above 18pt) WCAG AA × Fail

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 71, 40.211, 28.491 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 71, 40.211, 28.491

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.211, 28.491.

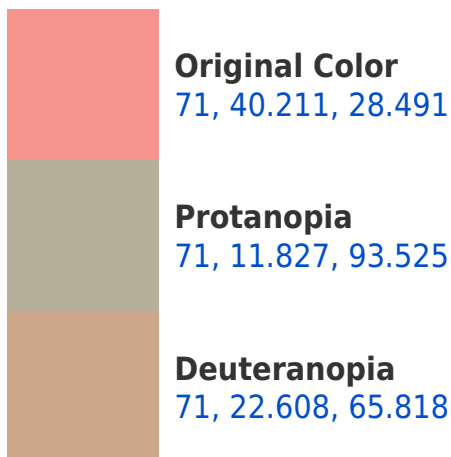


This preview shows how white text looks on a background with the CIELCh color 71, 40.211, 28.491.

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
71, 40.349, 15.259

Trichromacy



Original Color
71, 40.211, 28.491



Protanomaly
71, 18.288, 46.908



Deuteranomaly
71, 27.312, 46.862



Tritanomaly
71, 40.260, 20.440

Monochromacy



Original Color
71, 40.211, 28.491



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 13.875, 27.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.211, 28.491 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(244, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(244, 148, 141)  
}
```

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(244, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 148, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.211, 28.491 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(244, 148, 141) }
```

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

```
.border{ border-color:rgb(244, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(244, 148,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.211, 28.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 148, 141) }
```

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

```
.background{ background-color: rgb(244,  
148, 141) }
```

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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