

Converting Colors

CIELCh(80, 77.618, 30.672)

Have a look what the booklet for
CIELCh(80, 77.618, 30.672) contains.

CIELCh(70, 49.641, 30.339)	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, 49.641, 30.339)

Conversions

Conversions Part 1

Format	Color
Hex	FE8A80
RGB	254, 138, 128
RGB Percent	100%, 54%, 50%
CMY	0.0047, 0.4590, 0.4981
CMYK	0.00, 0.46, 0.50, 0.00
HSL	5°, 98%, 75%
HSV	5°, 50%, 100%
XYZ	53.7721, 40.7494, 25.4517
YIQ	171.5440, 72.3460, 21.4820

Conversions

Conversions Part 2

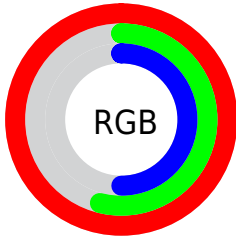
Format	Color
RYB	254, 139, 128
Decimal	16681600
CIELab	70.00, 42.84, 25.07
CIELCh	70, 49.641, 30.339
Yxy	40.7494, 0.4482, 0.3397
Android (android.graphics.Color)	4294871680 (0xFFFE8A80)
YUV	171.5440, -21.4672, 72.3139
Hunter-Lab	63.8353, 38.6491, 21.0452

Details

The CIELCh color **70, 49.641, 30.339** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 33.780, 206.252**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 25.277, 35.489**, and **50, 49.595, 30.151** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.603, 32.065**, and if you desaturate by 10%, it is **75, 38.189, 29.031**.

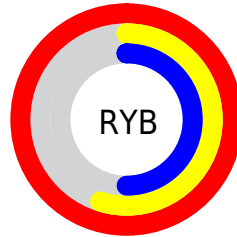
Distribution



Red (100%)

Green (54%)

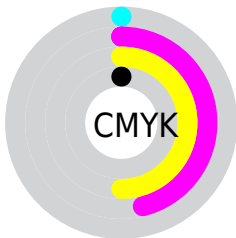
Blue (50%)



Red (100%)

Yellow (55%)

Blue (50%)

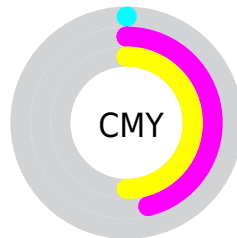


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 49.641, 30.339 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, 49.641, 30.339 by changing the saturation by 10% instead.

 70, 49.641, 30.339

 70, 49.641, 30.339

 100, 49.641,
30.339

 60, 49.641, 30.339

 90, 49.641, 30.339

 50, 49.641, 30.339

 40, 49.641, 30.339

 30, 49.641, 30.339

 20, 49.641, 30.339

 10, 49.641, 30.339

 0, 49.641, 30.339

 70, 49.641, 30.339

 70, 49.641, 30.339

 65, 61.603, 32.065

 75, 38.189, 29.031

■ 61, 73.779, 34.231

■ 81, 27.425, 28.057

■ 57, 85.617, 36.738

■ 87, 17.416, 27.341

■ 55, 95.972, 39.121

■ 93, 8.168, 26.798

■ 54, 102.870,
40.574

100, 0.356,
208.403

■ 54, 103.119,
40.645

100, 0.420,
200.955

Harmonies

Complementary

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



70, 49.641, 30.339



90, 33.780, 206.252

Rectangle

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



70, 49.641, 30.339



70, 49.641, 80.339



70, 49.641, 210.339



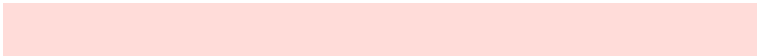
70, 49.641, 260.339

Sweetspot

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



70, 49.638, 30.343



90, 13.151, 27.078



72, 73.444, 329.076



47, 9.052, 27.196



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, 49.638, 30.343



66, 61.155, 31.958



84, 44.299, 75.605



50, 4.872, 26.795



40, 83.102, 40.839



10, 31.844, 31.048

Inverse Universe

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



90, 33.780, 206.252



89, 38.076, 206.580



73, 40.753, 271.841



52, 4.579, 206.379



66, 36.595, 210.118



22, 16.996, 208.305

Previews

White Background



This preview shows how the CIELCh color 70, 49.641, 30.339 looks on a white background.

Color Contrast Check

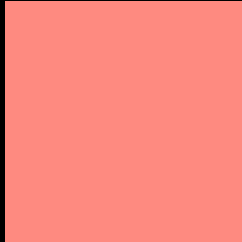
Large Text (above 18pt) WCAG AA × Fail

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, 49.641, 30.339 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, 49.641, 30.339

Background



This preview shows how black text looks on a background with the CIELCh color 70, 49.641, 30.339.

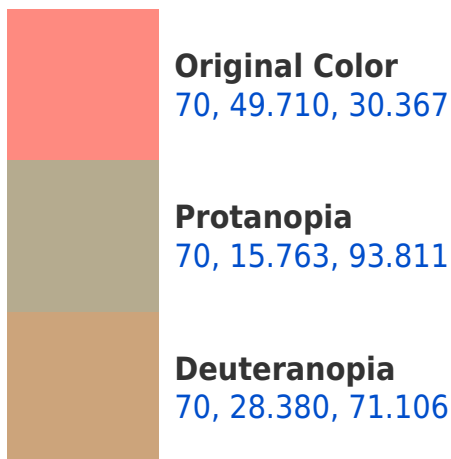


This preview shows how white text looks on a background with the CIELCh color 70, 49.641, 30.339.

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, 48.893, 18.526

Trichromacy



Original Color
70, 49.710, 30.367



Protanomaly
69, 23.241, 50.094



Deuteranomaly
70, 33.541, 50.172

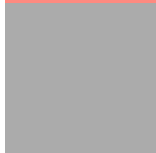


Tritanomaly
70, 49.088, 22.746

Monochromacy



Original Color
70, 49.710, 30.367



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 16.954, 28.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 49.641, 30.339 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, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 128)  
}
```

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, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 49.641, 30.339 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, 138, 128) }
```

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

```
.border{ border-color:rgb(254, 138, 128) }
```

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

Here you see how a box with a 4 pixel rgb(254, 138, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 49.641, 30.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 128) }
```

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

```
.background{ background-color: rgb(254,  
138, 128) }
```

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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