

Converting Colors

CIELCh(75, 50.123, 31.569)

Have a look what the booklet for
CIELCh(75, 50.123, 31.569) contains.

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Color

CIELCh(73, 43.957, 32.270)

Conversions

Conversions Part 1

Format	Color
Hex	FE978A
RGB	254, 151, 138
RGB Percent	100%, 59%, 54%
CMY	0.0033, 0.4068, 0.4577
CMYK	0.00, 0.40, 0.46, 0.00
HSL	7°, 99%, 77%
HSV	7°, 46%, 100%
XYZ	56.6525, 45.1644, 29.8876
YIQ	180.3150, 65.5610, 17.7930

Conversions

Conversions Part 2

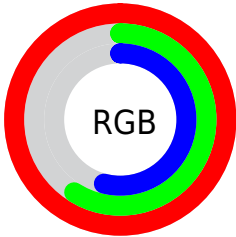
Format	Color
RYB	254, 153, 138
Decimal	16684938
CIELab	73.00, 37.17, 23.47
CIELCh	73, 43.957, 32.270
Yxy	45.1644, 0.4301, 0.3429
Android (android.graphics.Color)	4294875018 (0xFFFE978A)
YUV	180.3150, -20.8613, 64.6217
Hunter-Lab	67.2044, 32.8654, 20.6752

Details

The CIELCh color **73, 43.957, 32.270** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 30.929, 210.287**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 20.603, 42.790**, and **53, 44.142, 32.054** is the 20% darker color. If you saturate the color by 10%, you get **68, 55.583, 33.560**, and if you desaturate by 10%, it is **78, 32.978, 31.325**.

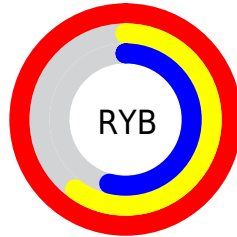
Distribution



Red (100%)

Green (59%)

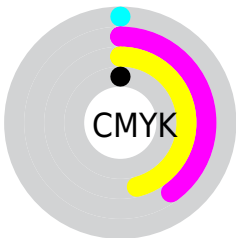
Blue (54%)



Red (100%)

Yellow (60%)

Blue (54%)

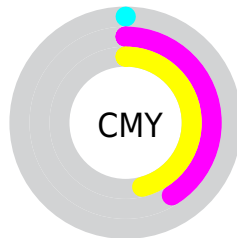


Cyan (0%)

Magenta (40%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.957, 32.270 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 73, 43.957, 32.270 by changing the saturation by 10% instead.

73, 43.957, 32.270

73, 43.957, 32.270

100, 43.957,
32.270

63, 43.957, 32.270

93, 43.957, 32.270

53, 43.957, 32.270

43, 43.957, 32.270

33, 43.957, 32.270

23, 43.957, 32.270

13, 43.957, 32.270

3, 43.957, 32.270

0, 43.957, 32.270

73, 43.957, 32.270

73, 43.957, 32.270

68, 55.583, 33.560

78, 32.978, 31.325

63, 67.652, 35.226

84, 22.749, 30.648

60, 79.759, 37.233

90, 13.289, 30.174

57, 91.071, 39.308

96, 4.569, 29.790

55, 99.773, 40.696

100, 0.289,
201.683

54, 102.515,
41.092

Harmonies

Complementary

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



73, 43.957, 32.270



90, 30.929, 210.287

Rectangle

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



73, 43.957, 32.270



73, 43.957, 82.270



73, 43.957, 212.270



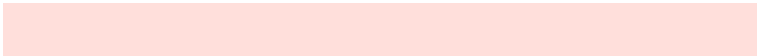
73, 43.957, 262.270

Sweetspot

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



73, 43.955, 32.274



91, 11.886, 30.112



73, 66.689, 329.951



47, 8.280, 30.197



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 43.955, 32.274



68, 55.029, 33.475



86, 41.299, 79.261



50, 4.737, 29.947



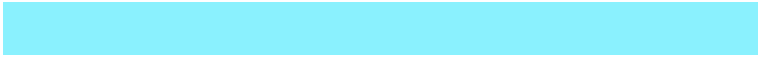
41, 82.455, 41.344



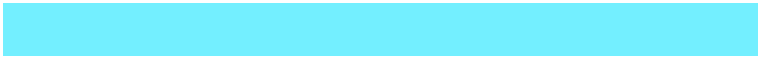
11, 31.292, 32.666

Inverse Universe

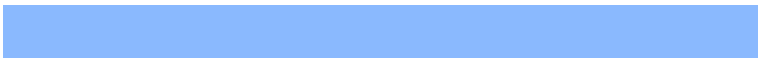
The Inverse Universe completely reimagines the original color for something new.



90, 30.929, 210.287



88, 35.433, 210.815



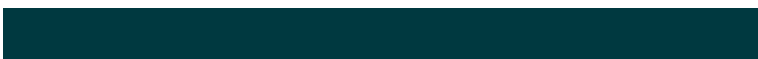
74, 39.222, 273.833



52, 4.451, 209.799



64, 35.646, 216.687



21, 16.554, 213.945

Previews

White Background



This preview shows how the CIELCh color 73, 43.957, 32.270 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 73, 43.957, 32.270 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 73, 43.957, 32.270

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.957, 32.270.

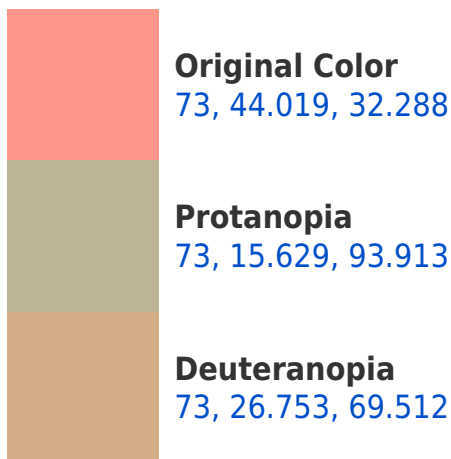


This preview shows how white text looks on a background with the CIELCh color 73, 43.957, 32.270.

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](#).

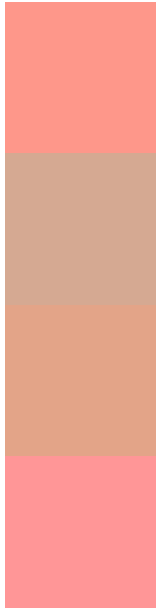
Dichromacy





Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 44.019, 32.288

Protanomaly
73, 22.131, 54.458

Deuteranomaly
73, 30.922, 50.148

Tritanomaly
73, 42.785, 22.875

Monochromacy



Original Color
73, 44.019, 32.288

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.232, 30.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.957, 32.270 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, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 138)  
}
```

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, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.957, 32.270 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, 151, 138) }
```

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

```
.border{ border-color:rgb(254, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.957, 32.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 138) }
```

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

```
.background{ background-color: rgb(254,  
151, 138) }
```

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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