

Converting Colors

CIELCh(78, 32.346, 41.539)

Have a look what the booklet for
CIELCh(78, 32.346, 41.539) contains.

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Color

CIELCh(78, 32.662, 41.417)

Conversions

Conversions Part 1

Format	Color
Hex	F9AF9A
RGB	249, 175, 154
RGB Percent	98%, 69%, 60%
CMY	0.0230, 0.3132, 0.3956
CMYK	0.00, 0.30, 0.38, 0.02
HSL	13°, 89%, 79%
HSV	13°, 38%, 98%
XYZ	60.3145, 53.2120, 37.7178
YIQ	194.7320, 50.8450, 9.1570

Conversions

Conversions Part 2

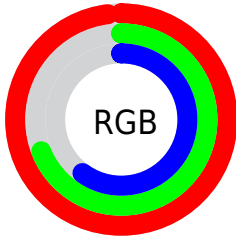
Format	Color
RYB	249, 181, 154
Decimal	16363418
CIELab	78.00, 24.49, 21.61
CIELCh	78, 32.662, 41.417
Yxy	53.2120, 0.3988, 0.3518
Android (android.graphics.Color)	4294553498 (0xFFFF9AF9A)
YUV	194.7320, -20.0809, 47.5930
Hunter-Lab	72.9466, 19.9329, 20.4061

Details

The CIELCh color **78, 32.662, 41.417** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 24.885, 224.540**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 14.897, 71.971**, and **58, 32.426, 41.313** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.952, 41.658**, and if you desaturate by 10%, it is **83, 23.108, 41.367**.

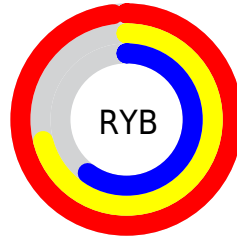
Distribution



Red (98%)

Green (69%)

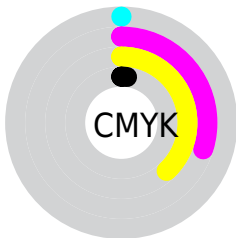
Blue (60%)



Red (98%)

Yellow (71%)

Blue (60%)

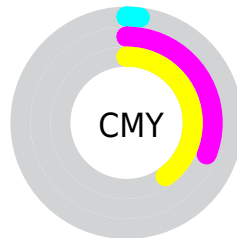


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.662, 41.417 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 78, 32.662, 41.417 by changing the saturation by 10% instead.

78, 32.662, 41.417

78, 32.662, 41.417

100, 32.662,
41.417

68, 32.662, 41.417

98, 32.662, 41.417

58, 32.662, 41.417

48, 32.662, 41.417

38, 32.662, 41.417

28, 32.662, 41.417

18, 32.662, 41.417

8, 32.662, 41.417

0, 32.662, 41.417

78, 32.662, 41.417

78, 32.662, 41.417

73, 42.952, 41.658

83, 23.108, 41.367

69, 53.931, 42.102

88, 14.286, 41.452

65, 65.424, 42.748

94, 6.150, 41.611

61, 77.018, 43.499

99, 1.357, 222.485

58, 87.765, 44.038

100, 2.033,
199.602

55, 95.913, 43.748

55, 97.228, 43.710

Harmonies

Complementary

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



78, 32.662, 41.417



87, 24.885, 224.540

Rectangle

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



78, 32.662, 41.417



78, 32.662, 91.417



78, 32.662, 221.417



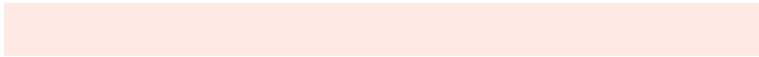
78, 32.662, 271.417

Sweetspot

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



78, 32.660, 41.422



94, 8.573, 41.566



75, 51.264, 333.684



49, 5.792, 41.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 32.660, 41.422



76, 41.476, 41.593



89, 36.794, 90.047



49, 4.331, 41.591



42, 78.451, 44.150



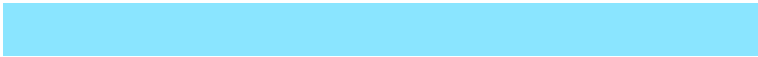
11, 28.424, 37.811

Inverse Universe

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



87, 24.885, 224.540



86, 29.516, 225.550



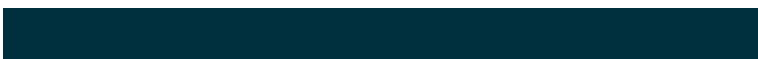
74, 37.400, 281.117



51, 4.085, 222.416



57, 35.514, 240.210



18, 15.806, 234.155

Previews

White Background



This preview shows how the CIELCh color 78, 32.662, 41.417 looks on a white background.

Color Contrast Check

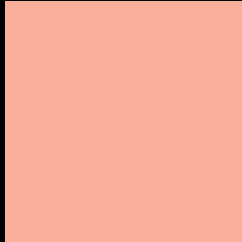
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.662, 41.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

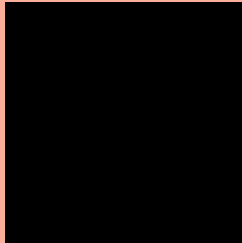
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 32.662, 41.417

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.662, 41.417.



This preview shows how white text looks on a background with the CIELCh color 78, 32.662, 41.417.

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


78, 32.662, 41.417

Protanopia

78, 16.542, 93.536

Deuteranopia

78, 24.586, 67.062



Tritanopia
78, 31.909, 9.956

Trichromacy



Original Color
78, 32.662, 41.417

Protanomaly
78, 19.669, 66.673

Deuteranomaly
78, 26.572, 55.838

Tritanomaly
78, 30.839, 22.081

Monochromacy



Original Color
78, 32.662, 41.417

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.242, 42.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.662, 41.417 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(249, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(249, 175, 154)  
}
```

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(249, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 175, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.662, 41.417 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(249, 175, 154) }
```

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

```
.border{ border-color:rgb(249, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(249, 175,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.662, 41.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 175, 154) }
```

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

```
.background{ background-color: rgb(249,  
175, 154) }
```

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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