

Converting Colors

CIELCh(83, 54.342, 39.975)

Have a look what the booklet for
CIELCh(83, 54.342, 39.975) contains.

CIELCh(78, 37.942, 46.256)	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(78, 37.942, 46.256)

Conversions

Conversions Part 1

Format	Color
Hex	FEAD8F
RGB	254, 173, 143
RGB Percent	100%, 68%, 56%
CMY	0.0023, 0.3197, 0.4373
CMYK	0.00, 0.32, 0.44, 0.00
HSL	16°, 99%, 78%
HSV	16°, 44%, 100%
XYZ	61.0506, 53.2120, 33.2330
YIQ	193.7990, 57.9060, 7.8420

Conversions

Conversions Part 2

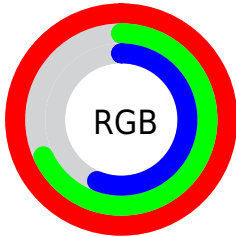
Format	Color
RYB	254, 184, 143
Decimal	16690575
CIELab	78.00, 26.23, 27.41
CIELCh	78, 37.942, 46.256
Yxy	53.2120, 0.4139, 0.3608
Android (android.graphics.Color)	4294880655 (0xFFFEAD8F)
YUV	193.7990, -25.0439, 52.7963
Hunter-Lab	72.9466, 21.7341, 24.0513

Details

The CIELCh color **78, 37.942, 46.256** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 28.136, 232.452**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 19.289, 77.844**, and **58, 38.264, 46.363** is the 20% darker color. If you saturate the color by 10%, you get **73, 48.518, 46.229**, and if you desaturate by 10%, it is **83, 28.076, 46.443**.

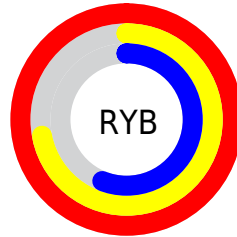
Distribution



Red (100%)

Green (68%)

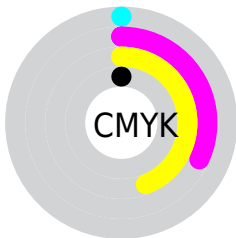
Blue (56%)



Red (100%)

Yellow (72%)

Blue (56%)

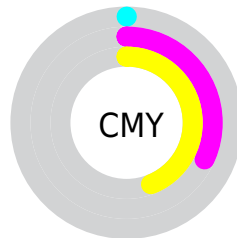


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 37.942, 46.256 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, 37.942, 46.256 by changing the saturation by 10% instead.

 78, 37.942, 46.256

 78, 37.942, 46.256

 100, 37.942,
46.256

 68, 37.942, 46.256

 98, 37.942, 46.256

 58, 37.942, 46.256

 48, 37.942, 46.256

 38, 37.942, 46.256

 28, 37.942, 46.256

 18, 37.942, 46.256

 8, 37.942, 46.256

 0, 37.942, 46.256

 78, 37.942, 46.256

 78, 37.942, 46.256

73, 48.518, 46.229

83, 28.076, 46.443

69, 59.710, 46.347

88, 18.934, 46.750

65, 71.240, 46.558

93, 10.482, 47.146

62, 82.451, 46.666

98, 2.666, 47.472

59, 91.938, 46.188

100, 0.205,
202.625

57, 96.550, 45.486

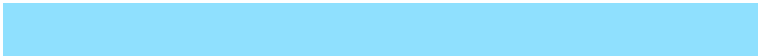
Harmonies

Complementary

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



78, 37.942, 46.256



85, 28.136, 232.452

Rectangle

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



78, 37.942, 46.256



78, 37.942, 96.256



78, 37.942, 226.256



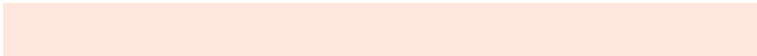
78, 37.942, 276.256

Sweetspot

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



78, 37.941, 46.261



93, 10.015, 47.171



74, 57.238, 336.167



49, 7.070, 47.078



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, 37.941, 46.261



74, 46.870, 46.223



91, 44.671, 92.933



50, 4.320, 47.315



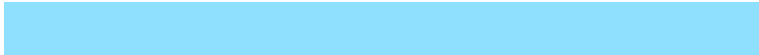
44, 77.412, 46.007



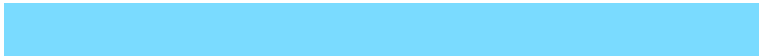
13, 28.960, 41.656

Inverse Universe

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



85, 28.136, 232.452



83, 32.398, 234.065



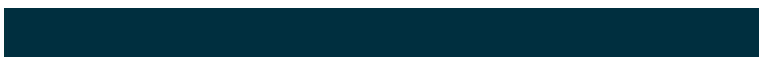
71, 46.727, 285.513



51, 4.090, 228.582



54, 37.806, 250.512



17, 16.749, 243.823

Previews

White Background



This preview shows how the CIELCh color 78, 37.942, 46.256 looks on a white background.

Color Contrast Check

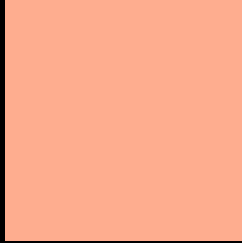
Large Text (above 18pt) WCAG AA × Fail

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, 37.942, 46.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

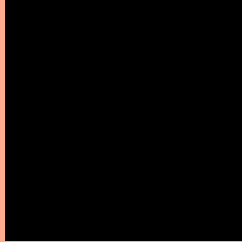
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.942, 46.256

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.942, 46.256.



This preview shows how white text looks on a background with the CIELCh color 78, 37.942, 46.256.

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, 37.995, 46.254

Protanopia

78, 22.408, 94.695

Deuteranopia

78, 30.026, 70.606



Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 37.995, 46.254

Protanomaly
78, 25.321, 70.548

Deuteranomaly
78, 32.005, 60.549

Tritanomaly
78, 33.624, 24.986

Monochromacy



Original Color
78, 37.995, 46.254

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.719, 47.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.942, 46.256 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, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 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(254, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.942, 46.256 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, 173, 143) }
```

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

```
.border{ border-color:rgb(254, 173, 143) }
```

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

Here you see how a box with a 4 pixel rgb(254, 173, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.942, 46.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 143) }
```

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

```
.background{ background-color: rgb(254,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor