

Converting Colors

CIELCh(89, 77.583, 30.652)

Have a look what the booklet for
CIELCh(89, 77.583, 30.652) contains.

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Color

CIELCh(76, 37.855, 32.921)

Conversions

Conversions Part 1

Format	Color
Hex	FEA497
RGB	254, 164, 151
RGB Percent	100%, 64%, 59%
CMY	0.0040, 0.3565, 0.4074
CMYK	0.00, 0.35, 0.41, 0.00
HSL	8°, 98%, 79%
HSV	8°, 41%, 100%
XYZ	59.7527, 49.8872, 35.8057
YIQ	189.4280, 57.8130, 15.0370

Conversions

Conversions Part 2

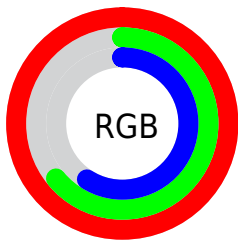
Format	Color
RYB	254, 166, 151
Decimal	16688279
CIELab	76.00, 31.78, 20.57
CIELCh	76, 37.855, 32.921
Yxy	49.8872, 0.4108, 0.3430
Android (android.graphics.Color)	4294878359 (0xFFFEA497)
YUV	189.4280, -18.9450, 56.6296
Hunter-Lab	70.6309, 27.4044, 19.3851

Details

The CIELCh color **76, 37.855, 32.921** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 27.881, 211.878**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.385, 50.287**, and **56, 38.115, 32.836** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.071, 33.927**, and if you desaturate by 10%, it is **82, 27.358, 32.212**.

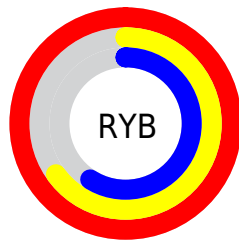
Distribution



Red (100%)

Green (64%)

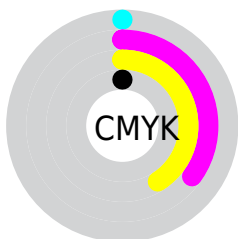
Blue (59%)



Red (100%)

Yellow (65%)

Blue (59%)

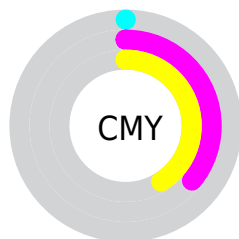


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.855, 32.921 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 76, 37.855, 32.921 by changing the saturation by 10% instead.

 76, 37.855, 32.921

 76, 37.855, 32.921

 100, 37.855,
32.921

 66, 37.855, 32.921

 96, 37.855, 32.921

 56, 37.855, 32.921

 46, 37.855, 32.921

 36, 37.855, 32.921

 26, 37.855, 32.921

 16, 37.855, 32.921

 6, 37.855, 32.921

 0, 37.855, 32.921

 76, 37.855, 32.921

 76, 37.855, 32.921

71, 49.071, 33.927

82, 27.358, 32.212

66, 60.880, 35.271

87, 17.631, 31.724

62, 73.001, 36.964

93, 8.659, 31.390

58, 84.877, 38.881

99, 0.397, 29.634

56, 95.278, 40.554

100, 0.353,
201.260

54, 102.085,
41.330

Harmonies

Complementary

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



76, 37.855, 32.921



90, 27.881, 211.878

Rectangle

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



76, 37.855, 32.921



76, 37.855, 82.921



76, 37.855, 212.921



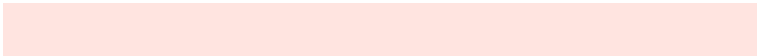
76, 37.855, 262.921

Sweetspot

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



76, 37.853, 32.926



93, 9.988, 31.435



76, 59.024, 330.210



49, 6.662, 31.475



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 37.853, 32.926



72, 47.499, 33.757



88, 36.828, 81.487



50, 4.683, 31.360



41, 82.128, 41.606



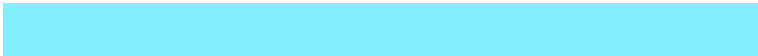
11, 31.067, 33.365

Inverse Universe

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



90, 27.881, 211.878



89, 32.368, 212.349



77, 35.526, 274.019



52, 4.401, 211.332



63, 35.371, 219.643



21, 16.409, 216.483

Previews

White Background



This preview shows how the CIELCh color 76, 37.855, 32.921 looks on a white background.

Color Contrast Check

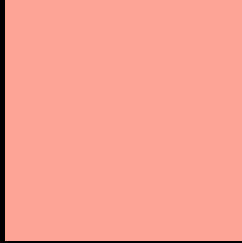
Large Text (above 18pt) WCAG AA × Fail

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 76, 37.855, 32.921 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 76, 37.855, 32.921

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.855, 32.921.



This preview shows how white text looks on a background with the CIELCh color 76, 37.855, 32.921.

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

76, 37.906, 32.933

Protanopia

76, 13.949, 92.568

Deuteranopia

76, 23.642, 66.167



Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 37.906, 32.933

Protanomaly
76, 19.444, 55.486

Deuteranomaly
76, 27.675, 49.641

Tritanomaly
76, 37.142, 20.418

Monochromacy



Original Color
76, 37.906, 32.933

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.087, 32.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.855, 32.921 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, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 151)  
}
```

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, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.855, 32.921 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, 164, 151) }
```

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

```
.border{ border-color:rgb(254, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.855, 32.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 164, 151) }
```

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

```
.background{ background-color: rgb(254,  
164, 151) }
```

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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