

Converting Colors

CIELCh(76, 37.875, 31.584)

Have a look what the booklet for
CIELCh(76, 37.875, 31.584) contains.

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Color

CIELCh(76, 37.720, 32.186)

Conversions

Conversions Part 1

Format	Color
Hex	FEA498
RGB	254, 164, 152
RGB Percent	100%, 64%, 60%
CMY	0.0039, 0.3568, 0.4039
CMYK	0.00, 0.35, 0.40, 0.00
HSL	7°, 98%, 80%
HSV	7°, 40%, 100%
XYZ	59.8143, 49.8872, 36.1815
YIQ	189.5420, 57.4920, 15.3480

Conversions

Conversions Part 2

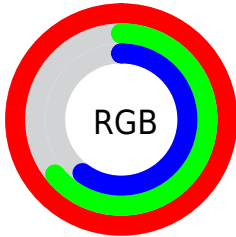
Format	Color
R _Y B	254, 166, 152
Decimal	16688280
CIE Lab	76.00, 31.92, 20.09
CIE LCh	76, 37.720, 32.186
Yxy	49.8872, 0.4100, 0.3420
Android (android.graphics.Color)	4294878360 (0xFFFEA498)
YUV	189.5420, -18.5082, 56.5297
Hunter-Lab	70.6309, 27.5599, 19.0696

Details

The CIELCh color **76, 37.720, 32.186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 27.867, 210.787**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.106, 48.668**, and **56, 37.902, 32.057** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.967, 33.244**, and if you desaturate by 10%, it is **82, 27.188, 31.433**.

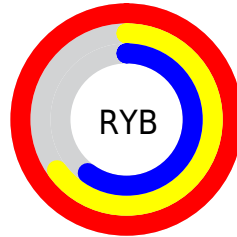
Distribution



Red (100%)

Green (64%)

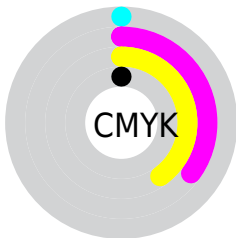
Blue (60%)



Red (100%)

Yellow (65%)

Blue (60%)

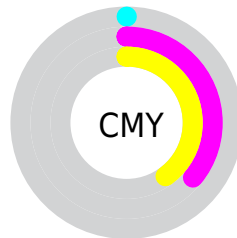


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.720, 32.186 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, 37.720, 32.186 by changing the saturation by 10% instead.

76, 37.720, 32.186

76, 37.720, 32.186

100, 37.720,
32.186

66, 37.720, 32.186

96, 37.720, 32.186

56, 37.720, 32.186

46, 37.720, 32.186

36, 37.720, 32.186

26, 37.720, 32.186

16, 37.720, 32.186

6, 37.720, 32.186

0, 37.720, 32.186

76, 37.720, 32.186

76, 37.720, 32.186

71, 48.967, 33.244

82, 27.188, 31.433

66, 60.799, 34.650

87, 17.425, 30.906

62, 72.936, 36.424

93, 8.419, 30.534

58, 84.827, 38.446

100, 0.125, 25.083

56, 95.276, 40.258

100, 0.348,
201.286

54, 102.316,
41.185

Harmonies

Complementary

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



76, 37.720, 32.186



90, 27.867, 210.787

Rectangle

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



76, 37.720, 32.186



76, 37.720, 82.186



76, 37.720, 212.186



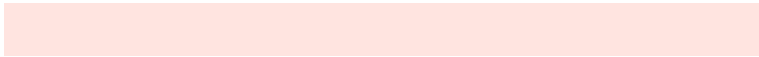
76, 37.720, 262.186

Sweetspot

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



76, 37.718, 32.191



93, 10.056, 30.596



76, 58.550, 330.189



49, 6.707, 30.641



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, 37.718, 32.191



72, 46.635, 32.990



88, 36.500, 81.536



50, 4.715, 30.512



41, 82.327, 41.447



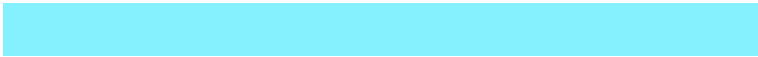
11, 31.200, 32.947

Inverse Universe

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



90, 27.867, 210.787



89, 32.083, 211.155



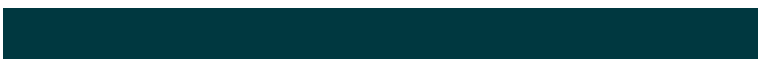
77, 35.219, 273.937



52, 4.431, 210.412



63, 35.525, 217.869



21, 16.492, 214.959

Previews

White Background



This preview shows how the CIELCh color 76, 37.720, 32.186 looks on a white background.

Color Contrast Check

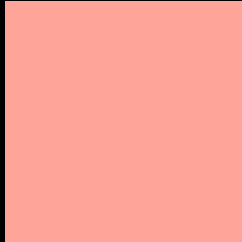
Large Text (above 18pt) WCAG AA × Fail

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, 37.720, 32.186 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, 37.720, 32.186

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.720, 32.186.



This preview shows how white text looks on a background with the CIELCh color 76, 37.720, 32.186.

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, 37.720, 32.186

Protanopia

76, 13.435, 92.007

Deuteranopia

76, 23.228, 65.371



Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 37.720, 32.186

Protanomaly
76, 19.104, 54.278

Deuteranomaly
76, 27.366, 48.754

Tritanomaly
76, 37.142, 20.418

Monochromacy



Original Color
76, 37.720, 32.186

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 12.683, 32.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.720, 32.186 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.720, 32.186 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, 152) }
```

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

```
.border{ border-color:rgb(254, 164, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.720, 32.186 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, 152) }
```

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

```
.background{ background-color: rgb(254,  
164, 152) }
```

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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