

Converting Colors

CIELCh(76, 36.569, 27.884)

Have a look what the booklet for
CIELCh(76, 36.569, 27.884) contains.

CIELCh(76, 36.487, 28.366)	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(76, 36.487, 28.366)

Conversions

Conversions Part 1

Format	Color
Hex	FDA49D
RGB	253, 164, 157
RGB Percent	99%, 64%, 62%
CMY	0.0077, 0.3567, 0.3842
CMYK	0.00, 0.35, 0.38, 0.01
HSL	4°, 96%, 80%
HSV	4°, 38%, 99%
XYZ	59.8908, 49.8872, 38.3852
YIQ	189.8130, 55.2910, 16.6910

Conversions

Conversions Part 2

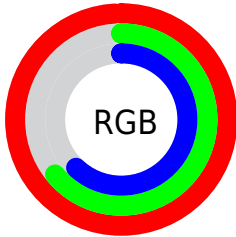
Format	Color
R _Y B	253, 165, 157
Decimal	16622749
CIE Lab	76.00, 32.11, 17.34
CIE LCh	76, 36.487, 28.366
Yxy	49.8872, 0.4042, 0.3367
Android (android.graphics.Color)	4294812829 (0xFFFDA49D)
YUV	189.8130, -16.1768, 55.4150
Hunter-Lab	70.6309, 27.7534, 17.2198

Details

The CIELCh color **76, 36.487, 28.366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 27.554, 205.354**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.733, 37.681**, and **56, 36.524, 28.025** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.844, 29.663**, and if you desaturate by 10%, it is **82, 25.818, 27.409**.

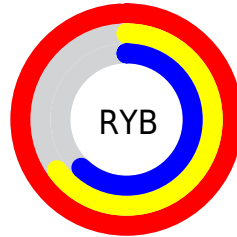
Distribution



Red (99%)

Green (64%)

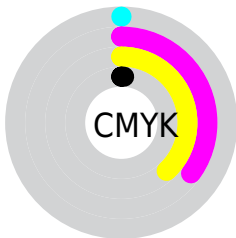
Blue (62%)



Red (99%)

Yellow (65%)

Blue (62%)

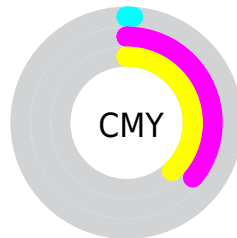


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.487, 28.366 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, 36.487, 28.366 by changing the saturation by 10% instead.

 76, 36.487, 28.366

 76, 36.487, 28.366

 100, 36.487,
28.366

 66, 36.487, 28.366

 96, 36.487, 28.366

 56, 36.487, 28.366

 46, 36.487, 28.366

 36, 36.487, 28.366

 26, 36.487, 28.366

 16, 36.487, 28.366

 6, 36.487, 28.366

 0, 36.487, 28.366

 76, 36.487, 28.366

 76, 36.487, 28.366

71, 47.844, 29.663

82, 25.818, 27.409

66, 59.740, 31.365

88, 15.909, 26.697

61, 71.887, 33.524

94, 6.756, 26.142

58, 83.789, 36.070

100, 0.683,
200.333

55, 94.444, 38.614

54, 101.826,
40.254

53, 102.997,
40.578

Harmonies

Complementary

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



76, 36.487, 28.366



92, 27.554, 205.354

Rectangle

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



76, 36.487, 28.366



76, 36.487, 78.366



76, 36.487, 208.366



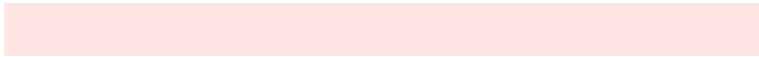
76, 36.487, 258.366

Sweetspot

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



76, 36.485, 28.370



93, 9.538, 26.306



77, 57.196, 328.447



49, 6.445, 26.378



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, 36.485, 28.370



72, 45.881, 29.385



87, 33.201, 77.239



50, 4.899, 26.226



40, 83.205, 40.760



10, 31.952, 30.746

Inverse Universe

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



92, 27.554, 205.354



91, 32.279, 205.428



79, 31.136, 268.858



52, 4.605, 205.763



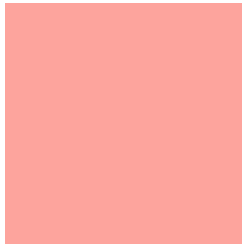
66, 36.817, 208.944



22, 17.094, 207.295

Previews

White Background



This preview shows how the CIELCh color 76, 36.487, 28.366 looks on a white background.

Color Contrast Check

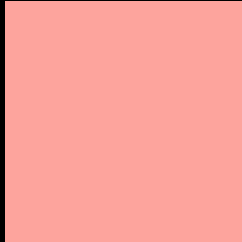
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 36.487, 28.366 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, 36.487, 28.366

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.487, 28.366.

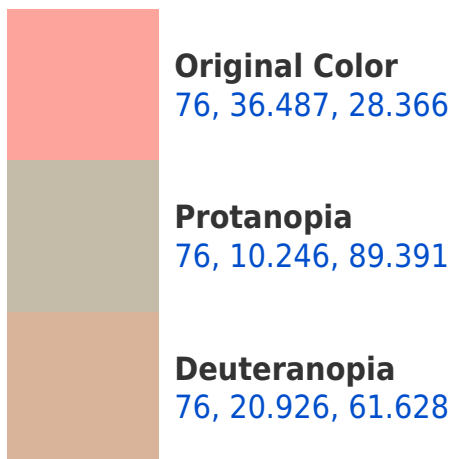


This preview shows how white text looks on a background with the CIELCh color 76, 36.487, 28.366.

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
76, 36.855, 13.059

Trichromacy



Original Color
76, 36.487, 28.366

Protanomaly
76, 16.915, 46.623

Deuteranomaly
76, 25.545, 44.333

Tritanomaly
76, 36.173, 18.603

Monochromacy



Original Color
76, 36.487, 28.366

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 12.443, 27.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.487, 28.366 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(253, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(253, 164, 157)  
}
```

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(253, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 164, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.487, 28.366 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(253, 164, 157) }
```

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

```
.border{ border-color:rgb(253, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(253, 164,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.487, 28.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 164, 157) }
```

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

```
.background{ background-color: rgb(253,  
164, 157) }
```

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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