

Converting Colors

CIELCh(85, 65.500, 28.975)

Have a look what the booklet for
CIELCh(85, 65.500, 28.975) contains.

CIELCh(76, 37.459, 29.083)	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, 37.459, 29.083)

Conversions

Conversions Part 1

Format	Color
Hex	FEA39B
RGB	254, 163, 155
RGB Percent	100%, 64%, 61%
CMY	0.0023, 0.3590, 0.3903
CMYK	0.00, 0.36, 0.39, 0.00
HSL	5°, 99%, 80%
HSV	5°, 39%, 100%
XYZ	60.1553, 49.8872, 37.6782
YIQ	189.2970, 56.8040, 16.8040

Conversions

Conversions Part 2

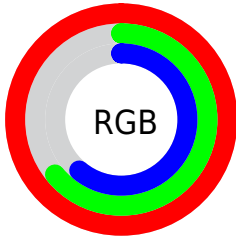
Format	Color
RYB	254, 164, 155
Decimal	16688027
CIELab	76.00, 32.74, 18.21
CIELCh	76, 37.459, 29.083
Yxy	49.8872, 0.4072, 0.3377
Android (android.graphics.Color)	4294878107 (0xFFFEA39B)
YUV	189.2970, -16.9084, 56.7445
Hunter-Lab	70.6309, 28.4218, 17.8133

Details

The CIELCh color **76, 37.459, 29.083** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 28.037, 206.267**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.502, 41.047**, and **56, 37.634, 28.867** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.875, 30.362**, and if you desaturate by 10%, it is **82, 26.734, 28.142**.

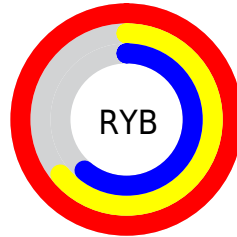
Distribution



Red (100%)

Green (64%)

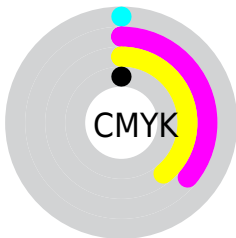
Blue (61%)



Red (100%)

Yellow (64%)

Blue (61%)

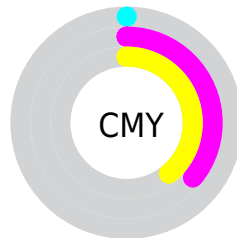


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.459, 29.083 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, 37.459, 29.083 by changing the saturation by 10% instead.

76, 37.459, 29.083

76, 37.459, 29.083

100, 37.459,
29.083

66, 37.459, 29.083

96, 37.459, 29.083

56, 37.459, 29.083

46, 37.459, 29.083

36, 37.459, 29.083

26, 37.459, 29.083

16, 37.459, 29.083

6, 37.459, 29.083

0, 37.459, 29.083

76, 37.459, 29.083

76, 37.459, 29.083

71, 48.875, 30.362

82, 26.734, 28.142

66, 60.829, 32.040

88, 16.771, 27.449

61, 73.026, 34.160

94, 7.570, 26.920

58, 84.941, 36.632

100, 0.208,
202.584

55, 95.486, 39.027

54, 102.634,
40.491

54, 103.278,
40.663

Harmonies

Complementary

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



76, 37.459, 29.083



92, 28.037, 206.267

Rectangle

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



76, 37.459, 29.083



76, 37.459, 79.083



76, 37.459, 209.083



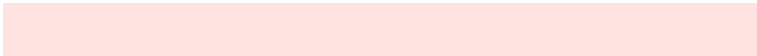
76, 37.459, 259.083

Sweetspot

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



76, 37.457, 29.087



92, 10.375, 27.076



77, 58.813, 328.501



48, 6.919, 27.142



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, 37.457, 29.087



72, 46.765, 30.093



87, 34.233, 77.107



50, 4.865, 26.951



40, 83.073, 40.862



11, 31.814, 31.130

Inverse Universe

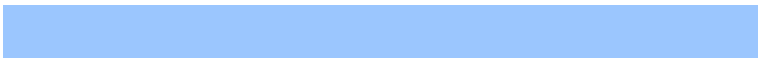
The Inverse Universe completely reimagines the original color for something new.



92, 28.037, 206.267



91, 32.569, 206.398



79, 32.050, 269.082



52, 4.572, 206.549



66, 36.536, 210.443



22, 16.970, 208.584

Previews

White Background



This preview shows how the CIELCh color 76, 37.459, 29.083 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, 37.459, 29.083 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, 37.459, 29.083

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.459, 29.083.

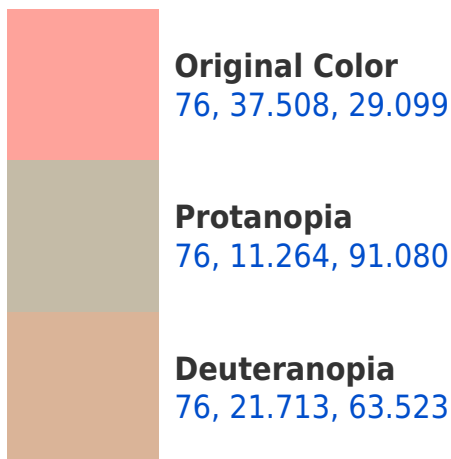


This preview shows how white text looks on a background with the CIELCh color 76, 37.459, 29.083.

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, 37.285, 13.230

Trichromacy



Original Color
76, 37.508, 29.099

Protanomaly
76, 17.580, 47.537

Deuteranomaly
76, 26.100, 46.327

Tritanomaly
76, 37.020, 18.795

Monochromacy



Original Color
76, 37.508, 29.099

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 12.850, 27.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.459, 29.083 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, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 155)  
}
```

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, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.459, 29.083 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, 163, 155) }
```

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

```
.border{ border-color:rgb(254, 163, 155) }
```

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

Here you see how a box with a 4 pixel rgb(254, 163, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 163,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.459, 29.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 155) }
```

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

```
.background{ background-color: rgb(254,  
163, 155) }
```

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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