

Converting Colors

CIELCh(76, 37.683, 25.591)

Have a look what the booklet for
CIELCh(76, 37.683, 25.591) contains.

CIELCh(76, 37.364, 25.961)	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, 37.364, 25.961)

Conversions

Conversions Part 1

Format	Color
Hex	FFA39F
RGB	255, 163, 159
RGB Percent	100%, 64%, 62%
CMY	0.0005, 0.3612, 0.3769
CMYK	0.00, 0.36, 0.38, 0.00
HSL	3°, 100%, 81%
HSV	3°, 38%, 100%
XYZ	60.5166, 49.8872, 39.1884
YIQ	190.0520, 56.1160, 18.2600

Conversions

Conversions Part 2

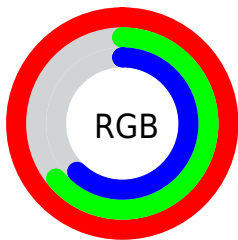
Format	Color
R _Y B	255, 163, 159
Decimal	16753567
CIE Lab	76.00, 33.59, 16.36
CIE LCh	76, 37.364, 25.961
Yxy	49.8872, 0.4045, 0.3335
Android (android.graphics.Color)	4294943647 (0xFFFFA39F)
YUV	190.0520, -15.3086, 56.9594
Hunter-Lab	70.6309, 29.3347, 16.5456

Details

The CIELCh color **76, 37.364, 25.961** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 28.386, 201.881**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.660, 31.152**, and **56, 37.428, 25.596** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.980, 27.457**, and if you desaturate by 10%, it is **82, 26.402, 24.839**.

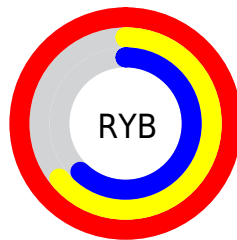
Distribution



Red (100%)

Green (64%)

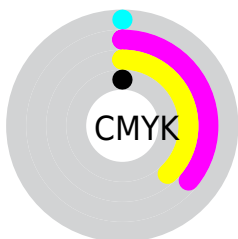
Blue (62%)



Red (100%)

Yellow (64%)

Blue (62%)

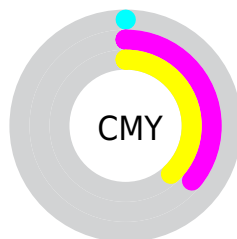


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.364, 25.961 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, 37.364, 25.961 by changing the saturation by 10% instead.

76, 37.364, 25.961

76, 37.364, 25.961

100, 37.364,
25.961

66, 37.364, 25.961

96, 37.364, 25.961

56, 37.364, 25.961

46, 37.364, 25.961

36, 37.364, 25.961

26, 37.364, 25.961

16, 37.364, 25.961

6, 37.364, 25.961

0, 37.364, 25.961

76, 37.364, 25.961

76, 37.364, 25.961

70, 48.980, 27.457

82, 26.402, 24.839

65, 61.065, 29.406

88, 16.190, 23.986

61, 73.295, 31.878

95, 6.741, 23.305

57, 85.160, 34.810

100, 0.045,
214.169

55, 95.678, 37.798

54, 102.812,
39.854

53, 104.037,
40.293

Harmonies

Complementary

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



76, 37.364, 25.961



93, 28.386, 201.881

Rectangle

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



76, 37.364, 25.961



76, 37.364, 75.961



76, 37.364, 205.961



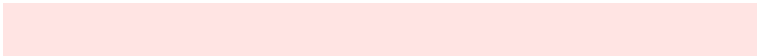
76, 37.364, 255.961

Sweetspot

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



76, 37.362, 25.965



93, 9.818, 23.524



78, 58.417, 327.430



49, 6.633, 23.614



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, 37.362, 25.965



72, 45.854, 27.019



87, 32.537, 74.034



50, 5.044, 23.426



40, 83.657, 40.420



10, 32.528, 29.212

Inverse Universe

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



93, 28.386, 201.881



92, 32.720, 201.788



81, 29.875, 265.453



52, 4.742, 202.729



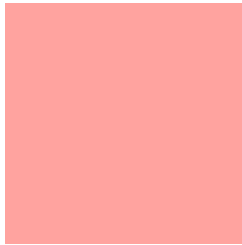
68, 38.145, 203.237



23, 17.660, 202.367

Previews

White Background



This preview shows how the CIELCh color 76, 37.364, 25.961 looks on a white background.

Color Contrast Check

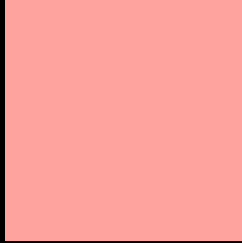
Large Text (above 18pt) WCAG AA × Fail

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, 37.364, 25.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

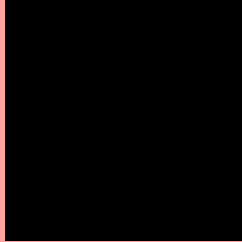
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.364, 25.961

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.364, 25.961.

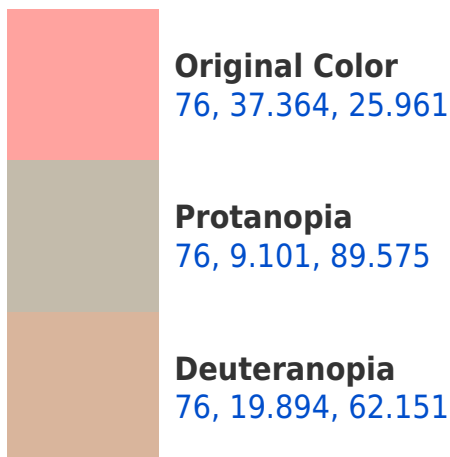


This preview shows how white text looks on a background with the CIELCh color 76, 37.364, 25.961.

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, 37.364, 25.961



Protanomaly
76, 16.556, 41.279



Deuteranomaly
76, 25.025, 42.248



Tritanomaly
76, 36.971, 17.980

Monochromacy



Original Color
76, 37.364, 25.961



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.096, 22.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.364, 25.961 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(255, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 159)  
}
```

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(255, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.364, 25.961 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(255, 163, 159) }
```

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

```
.border{ border-color:rgb(255, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.364, 25.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 159) }
```

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

```
.background{ background-color: rgb(255,  
163, 159) }
```

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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