

Converting Colors

CIELCh(77, 28.527, 40.156)

Have a look what the booklet for
CIELCh(77, 28.527, 40.156) contains.

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Color

CIELCh(77, 28.366, 40.961)

Conversions

Conversions Part 1

Format	Color
Hex	F0AF9D
RGB	240, 175, 157
RGB Percent	94%, 69%, 62%
CMY	0.0594, 0.3143, 0.3849
CMYK	0.00, 0.27, 0.35, 0.06
HSL	13°, 73%, 78%
HSV	13°, 35%, 94%
XYZ	57.2583, 51.5317, 38.7647
YIQ	192.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

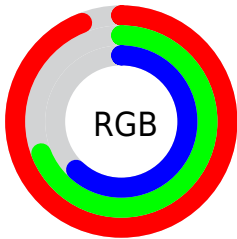
Format	Color
R _Y B	240, 180, 157
Decimal	15773597
CIE Lab	77.00, 21.42, 18.60
CIE LCh	77, 28.366, 40.961
Yxy	51.5317, 0.3880, 0.3492
Android (android.graphics.Color)	4293963677 (0xFFFF0AF9D)
YUV	192.3830, -17.4438, 41.7601
Hunter-Lab	71.7856, 16.7520, 18.2330

Details

The CIELCh color **77, 28.366, 40.961** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 22.244, 223.572**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 13.275, 66.922**, and **57, 28.201, 40.465** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.110, 41.162**, and if you desaturate by 10%, it is **82, 19.338, 40.942**.

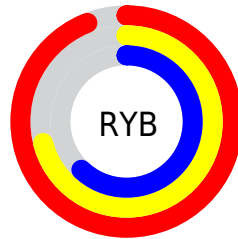
Distribution



Red (94%)

Green (69%)

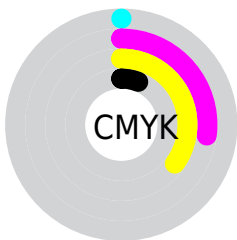
Blue (62%)



Red (94%)

Yellow (71%)

Blue (62%)

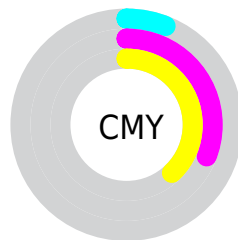


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 28.366, 40.961 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 77, 28.366, 40.961 by changing the saturation by 10% instead.

77, 28.366, 40.961

77, 28.366, 40.961

100, 28.366,
40.961

67, 28.366, 40.961

97, 28.366, 40.961

57, 28.366, 40.961

47, 28.366, 40.961

37, 28.366, 40.961

27, 28.366, 40.961

17, 28.366, 40.961

7, 28.366, 40.961

0, 28.366, 40.961

77, 28.366, 40.961

77, 28.366, 40.961

72, 38.110, 41.162

82, 19.338, 40.942

68, 48.548, 41.561

87, 11.009, 41.041

64, 59.562, 42.176

92, 3.328, 41.142

60, 70.859, 42.953

98, 3.765, 221.800

57, 81.760, 43.680

99, 5.215, 199.202

54, 90.797, 43.805

53, 94.577, 43.628

Harmonies

Complementary

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



77, 28.366, 40.961



85, 22.244, 223.572

Rectangle

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



77, 28.366, 40.961



77, 28.366, 90.961



77, 28.366, 220.961



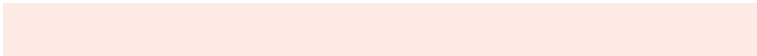
77, 28.366, 270.961

Sweetspot

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



77, 28.365, 40.967



94, 7.778, 41.108



75, 45.233, 333.422



50, 5.337, 41.087



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 28.365, 40.967



78, 37.339, 41.096



87, 32.312, 90.532



47, 4.194, 41.115



41, 76.960, 44.059



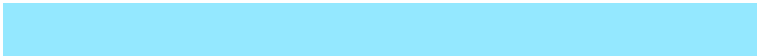
10, 25.963, 36.122

Inverse Universe

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



85, 22.244, 223.572



88, 27.485, 224.409



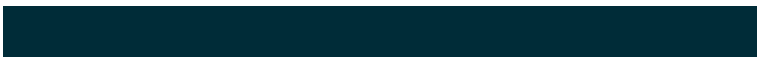
74, 32.759, 280.360



49, 3.956, 221.900



55, 34.679, 239.218



16, 14.906, 232.662

Previews

White Background



This preview shows how the CIELCh color 77, 28.366, 40.961 looks on a white background.

Color Contrast Check

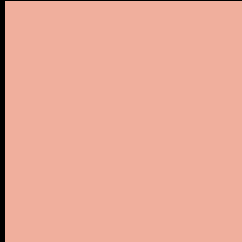
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 28.366, 40.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

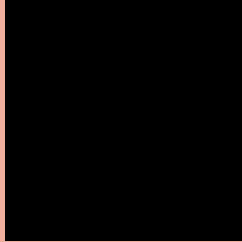
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 28.366, 40.961

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.366, 40.961.



This preview shows how white text looks on a background with the CIELCh color 77, 28.366, 40.961.

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



Original Color

77, 28.366, 40.961

Protanopia

77, 14.422, 93.118

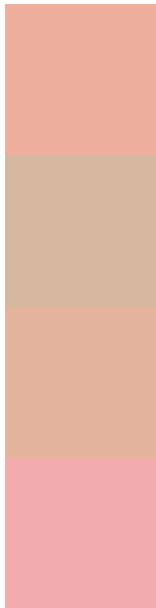
Deuteranopia

77, 21.631, 63.563



Tritanopia
77, 28.473, 8.043

Trichromacy



Original Color
77, 28.366, 40.961

Protanomaly
77, 17.250, 65.189

Deuteranomaly
77, 23.532, 53.343

Tritanomaly
77, 27.526, 19.624

Monochromacy



Original Color
77, 28.366, 40.961

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 9.589, 42.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.366, 40.961 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(240, 175, 157)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 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(240, 175, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.366, 40.961 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(240, 175, 157) }
```

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

```
.border{ border-color:rgb(240, 175, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 175, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 157);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.366, 40.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 157) }
```

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

```
.background{ background-color: rgb(240,  
175, 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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