

Converting Colors

CIELCh(77, 28.020, 39.532)

Have a look what the booklet for
CIELCh(77, 28.020, 39.532) contains.

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Color

CIELCh(77, 28.126, 40.011)

Conversions

Conversions Part 1

Format	Color
Hex	F0AF9E
RGB	240, 175, 158
RGB Percent	94%, 69%, 62%
CMY	0.0597, 0.3145, 0.3811
CMYK	0.00, 0.27, 0.34, 0.06
HSL	12°, 73%, 78%
HSV	12°, 34%, 94%
XYZ	57.3078, 51.5317, 39.1862
YIQ	192.4970, 44.1970, 8.4930

Conversions

Conversions Part 2

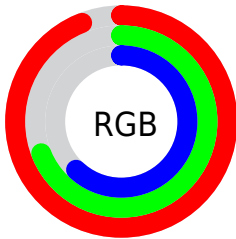
Format	Color
R _Y B	240, 179, 158
Decimal	15773598
CIE Lab	77.00, 21.54, 18.08
CIE LCh	77, 28.126, 40.011
Yxy	51.5317, 0.3871, 0.3481
Android (android.graphics.Color)	4293963678 (0xFFFF0AF9E)
YUV	192.4970, -17.0070, 41.6601
Hunter-Lab	71.7856, 16.8750, 17.8848

Details

The CIELCh color **77, 28.126, 40.011** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 22.085, 222.223**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.889, 65.458**, and **57, 27.939, 39.462** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.893, 40.270**, and if you desaturate by 10%, it is **82, 19.079, 39.940**.

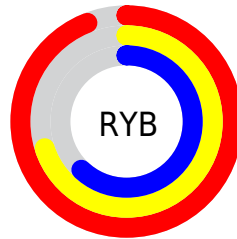
Distribution



Red (94%)

Green (69%)

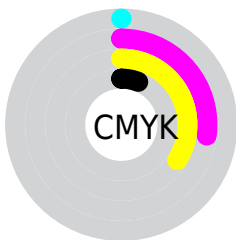
Blue (62%)



Red (94%)

Yellow (70%)

Blue (62%)

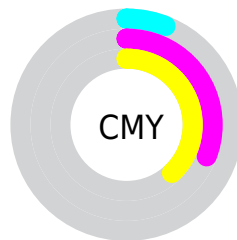


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 28.126, 40.011 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, 28.126, 40.011 by changing the saturation by 10% instead.

77, 28.126, 40.011

77, 28.126, 40.011

100, 28.126,
40.011

67, 28.126, 40.011

97, 28.126, 40.011

57, 28.126, 40.011

47, 28.126, 40.011

37, 28.126, 40.011

27, 28.126, 40.011

17, 28.126, 40.011

7, 28.126, 40.011

0, 28.126, 40.011

77, 28.126, 40.011

77, 28.126, 40.011

72, 37.893, 40.270

82, 19.079, 39.940

68, 48.356, 40.736

87, 10.733, 39.991

63, 59.400, 41.431

92, 3.040, 40.032

60, 70.736, 42.308

98, 4.062, 220.657

56, 81.707, 43.164

99, 5.236, 199.200

54, 90.872, 43.455

53, 94.943, 43.330

Harmonies

Complementary

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



77, 28.126, 40.011



85, 22.085, 222.223

Rectangle

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



77, 28.126, 40.011



77, 28.126, 90.011



77, 28.126, 220.011



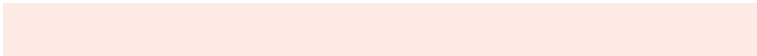
77, 28.126, 270.011

Sweetspot

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



77, 28.124, 40.017



94, 7.817, 40.032



75, 45.213, 332.759



50, 5.364, 40.018



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, 28.124, 40.017



78, 36.496, 40.172



87, 31.458, 89.318



47, 4.214, 40.037



40, 77.282, 43.745



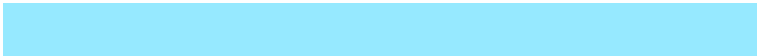
10, 26.101, 35.515

Inverse Universe

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



85, 22.085, 222.223



88, 27.029, 222.927



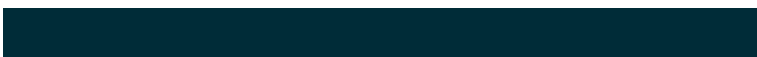
74, 31.678, 279.114



49, 3.973, 220.735



56, 34.465, 237.152



16, 14.874, 230.863

Previews

White Background



This preview shows how the CIELCh color 77, 28.126, 40.011 looks on a white background.

Color Contrast Check

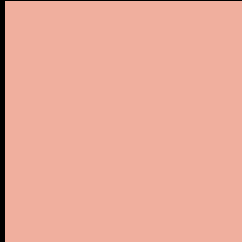
Large Text (above 18pt) WCAG AA × Fail

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 77, 28.126, 40.011 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, 28.126, 40.011

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.126, 40.011.



This preview shows how white text looks on a background with the CIELCh color 77, 28.126, 40.011.

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, 28.126, 40.011

Protanopia

77, 13.907, 92.599

Deuteranopia

77, 21.236, 62.633



Tritanopia
77, 28.093, 7.807

Trichromacy



Original Color
77, 28.126, 40.011

Protanomaly
77, 16.850, 64.024

Deuteranomaly
77, 23.203, 52.336

Tritanomaly
77, 27.124, 19.554

Monochromacy



Original Color
77, 28.126, 40.011

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 9.375, 39.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.126, 40.011 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.126, 40.011 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, 158) }
```

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

```
.border{ border-color:rgb(240, 175, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.126, 40.011 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, 158) }
```

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

```
.background{ background-color: rgb(240,  
175, 158) }
```

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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