

Converting Colors

CIELCh(77, 40.117, 328.625)

Have a look what the booklet for
CIELCh(77, 40.117, 328.625)
contains.

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Color

CIELCh(77, 40.126, 328.610)

Conversions

Conversions Part 1

Format	Color
Hex	EBA8E5
RGB	235, 168, 229
RGB Percent	92%, 66%, 90%
CMY	0.0770, 0.3398, 0.1006
CMYK	0.00, 0.28, 0.03, 0.08
HSL	305°, 63%, 79%
HSV	305°, 28%, 92%
XYZ	62.6385, 51.5317, 81.0340
YIQ	194.9870, 20.3510, 33.1750

Conversions

Conversions Part 2

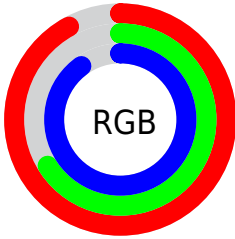
Format	Color
R _Y B	235, 168, 229
Decimal	15444197
CIE Lab	77.00, 34.25, -20.90
CIE LCh	77, 40.126, 328.610
Yxy	51.5317, 0.3209, 0.2640
Android (android.graphics.Color)	4293634277 (0xFFEBA8E5)
YUV	194.9870, 16.7684, 35.0914
Hunter-Lab	71.7856, 30.1303, -16.6786

Details

The CIELCh color $77, 40.126, 328.610$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $88, 40.087, 144.922$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 19.393, 325.098$, and $57, 39.878, 328.654$ is the 20% darker color. If you saturate the color by 10%, you get $72, 53.829, 329.192$, and if you desaturate by 10%, it is $82, 26.039, 328.020$.

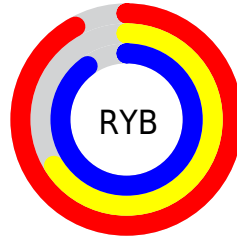
Distribution



Red (92%)

Green (66%)

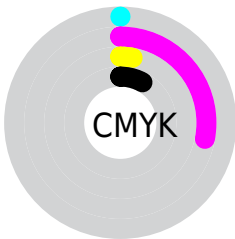
Blue (90%)



Red (92%)

Yellow (66%)

Blue (90%)

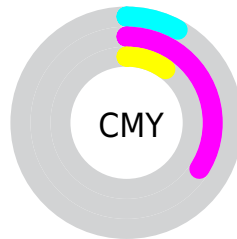


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (34%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.126, 328.610 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, 40.126, 328.610 by changing the saturation by 10% instead.


 77, 40.126,
328.610


 77, 40.126,
328.610


 100, 40.126,
328.610


 67, 40.126,
328.610


 97, 40.126,
328.610

 57, 40.126,
328.610

 47, 40.126,
328.610

 37, 40.126,
328.610

 27, 40.126,
328.610

 17, 40.126,
328.610

 7, 40.126, 328.610

77, 40.126,
328.610

77, 40.126,
328.610

72, 53.829,
329.192

82, 26.039,
328.020

67, 66.729,
329.758

88, 11.890,
327.422

63, 78.284,
330.297

94, 2.111, 147.025

60, 87.904,
330.803

98, 11.226,
147.562

57, 95.047,
331.276

98, 10.391,
151.171

56, 99.395,
331.722

98, 9.602, 155.378

98, 8.871, 160.296

■ 55, 101.110,
332.157

■ 98, 8.214, 166.035

■ 55, 101.272,
332.223

■ 98, 7.651, 172.681

Harmonies

Complementary

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



77, 40.126, 328.610



88, 40.087, 144.922

Rectangle

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



77, 40.126, 328.610



77, 40.126, 18.610



77, 40.126, 148.610



77, 40.126, 198.610

Sweetspot

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



77, 40.123, 328.610



94, 13.480, 327.456



72, 36.681, 296.427



49, 9.375, 327.544



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, 40.123, 328.610



80, 50.969, 328.942



76, 29.042, 351.286



46, 7.954, 327.482



42, 83.304, 332.150



9, 36.040, 331.528

Inverse Universe

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



77, 40.123, 328.610



80, 50.969, 328.942



88, 27.555, 165.644



46, 7.954, 327.482



42, 83.304, 332.150



9, 36.040, 331.528

Previews

White Background



This preview shows how the CIELCh color 77, 40.126, 328.610 looks on a white background.

Color Contrast Check

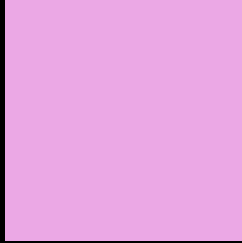
Large Text (above 18pt) WCAG AA × Fail

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, 40.126, 328.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

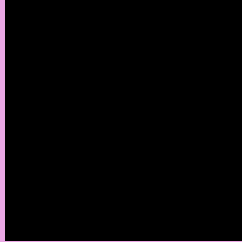
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.126, 328.610

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.126, 328.610.



This preview shows how white text looks on a background with the CIELCh color 77, 40.126, 328.610.

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, 40.126, 328.610

Protanopia

77, 29.677, 285.430

Deuteranopia

77, 21.651, 297.542



Tritanopia
77, 21.613, 2.682

Trichromacy



Original Color
77, 40.126, 328.610



Protanomaly
77, 31.322, 303.320



Deuteranomaly
77, 27.191, 313.239



Tritanomaly
77, 27.272, 344.552

Monochromacy



Original Color
77, 40.126, 328.610



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 14.937, 328.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.126, 328.610 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(235, 168, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 229)  
}
```

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(235, 168, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.126, 328.610 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(235, 168, 229) }
```

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

```
.border{ border-color:rgb(235, 168, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 168, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 168, 229); box-shadow:4px 4px 4px 4px rgb(235, 168, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.126, 328.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 229) }
```

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

```
.background{ background-color: rgb(235,  
168, 229) }
```

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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