

Converting Colors

CIELCh(77, 41.013, 318.440)

Have a look what the booklet for
CIELCh(77, 41.013, 318.440)
contains.

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Color

CIELCh(77, 40.965, 318.200)

Conversions

Conversions Part 1

Format	Color
Hex	DFACF1
RGB	223, 172, 241
RGB Percent	87%, 67%, 95%
CMY	0.1256, 0.3255, 0.0550
CMYK	0.07, 0.29, 0.00, 0.05
HSL	284°, 71%, 81%
HSV	284°, 29%, 95%
XYZ	61.0478, 51.5317, 89.9314
YIQ	195.1150, 8.2470, 32.2710

Conversions

Conversions Part 2

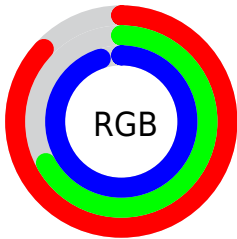
Format	Color
RYB	223, 172, 241
Decimal	14658801
CIELab	77.00, 30.54, -27.30
CIELCh	77, 40.965, 318.200
Yxy	51.5317, 0.3015, 0.2545
Android (android.graphics.Color)	4292848881 (0xFFDFACF1)
YUV	195.1150, 22.6213, 24.4551
Hunter-Lab	71.7856, 26.1749, -24.0272

Details

The CIELCh color $77, 40.965, 318.200$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $90, 40.226, 135.543$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $57, 41.154, 318.105$ is the 20% darker color. If you saturate the color by 10%, you get $71, 55.371, 318.623$, and if you desaturate by 10%, it is $83, 26.488, 317.757$.

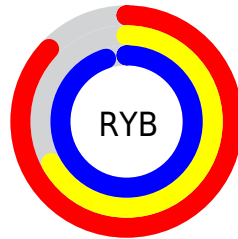
Distribution



Red (87%)

Green (67%)

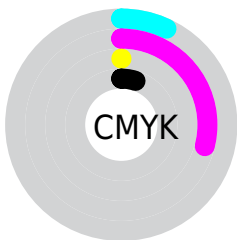
Blue (95%)



Red (87%)

Yellow (67%)

Blue (95%)

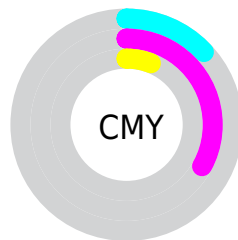


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (33%)

Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.965, 318.200 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, 40.965, 318.200 by changing the saturation by 10% instead.

 77, 40.965,
318.200

 77, 40.965,
318.200


 100, 40.965,
318.200

 67, 40.965,
318.200

 97, 40.965,
318.200

 57, 40.965,
318.200

 47, 40.965,
318.200

 37, 40.965,
318.200

 27, 40.965,
318.200

 17, 40.965,
318.200

 7, 40.965, 318.200

0, 40.965, 318.200

77, 40.965,
318.200

77, 40.965,
318.200

71, 55.371,
318.623

83, 26.488,
317.757

65, 69.383,
319.000

90, 12.159,
317.309

60, 82.521,
319.292

96, 1.894, 137.020

99, 7.537, 128.502

56, 94.156,
319.449

100, 7.102,
111.325

52, 103.562,
319.414

100, 7.097,
109.636

49, 110.099,
319.128

■ 47,113.632,
318.569

■ 47,114.016,
318.486

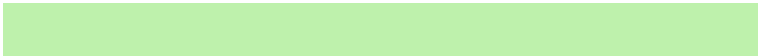
Harmonies

Complementary

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



77, 40.965, 318.200



90, 40.226, 135.543

Rectangle

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



77, 40.965, 318.200



77, 40.965, 8.200



77, 40.965, 138.200



77, 40.965, 188.200

Sweetspot

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



77, 40.963, 318.200



94, 13.279, 317.327



77, 27.584, 280.334



49, 9.241, 317.393



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, 40.963, 318.200



78, 51.011, 318.436



78, 37.246, 333.638



47, 7.977, 317.347



35, 92.911, 318.633



7, 40.093, 319.746

Inverse Universe

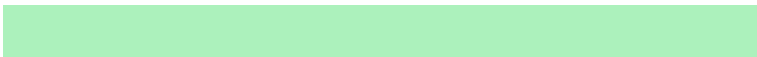
The Inverse Universe completely reimagines the original color for something new.



77, 27.823, 1.920



78, 34.886, 2.736



90, 37.023, 149.506



47, 5.286, 359.577



38, 69.923, 24.526



8, 28.847, 12.543

Previews

White Background



This preview shows how the CIELCh color 77, 40.965, 318.200 looks on a white background.

Color Contrast Check

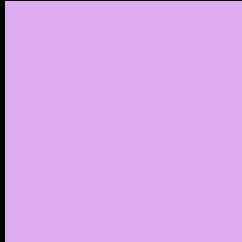
Large Text (above 18pt) WCAG AA × Fail

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, 40.965, 318.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

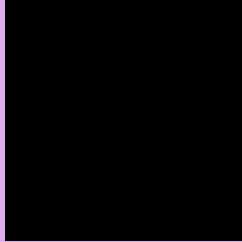
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.965, 318.200

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.965, 318.200.

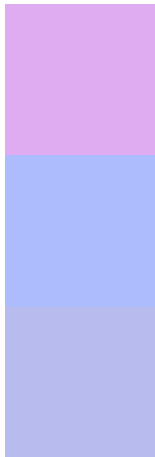


This preview shows how white text looks on a background with the CIELCh color 77, 40.965, 318.200.

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, 40.965, 318.200

Protanopia
77, 35.082, 285.207

Deuteranopia
77, 27.400, 290.601



Tritanopia
77, 15.064, 350.918

Trichromacy



Original Color
77, 40.965, 318.200

Protanomaly
77, 36.246, 297.966

Deuteranomaly
77, 31.234, 302.705

Tritanomaly
77, 23.527, 330.667

Monochromacy



Original Color
77, 40.965, 318.200

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 14.942, 316.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.965, 318.200 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(223, 172, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 241)  
}
```

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(223, 172, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.965, 318.200 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(223, 172, 241) }
```

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

```
.border{ border-color:rgb(223, 172, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 172, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.965, 318.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 241) }
```

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

```
.background{ background-color: rgb(223,  
172, 241) }
```

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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