

Converting Colors

CIELCh(77, 42.289, 325.141)

Have a look what the booklet for
CIELCh(77, 42.289, 325.141)
contains.

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Color

CIELCh(77, 42.289, 325.141)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9A8EB |
| RGB | 233, 168, 235 |
| RGB Percent | 91%, 66%, 92% |
| CMY | 0.0849, 0.3398, 0.0770 |
| CMYK | 0.01, 0.28, 0.00, 0.08 |
| HSL | 298°, 63%, 79% |
| HSV | 298°, 28%, 92% |
| XYZ | 62.8320, 51.5317, 85.5005 |
| YIQ | 195.0730, 17.2330, 34.6170 |

Conversions

Conversions Part 2

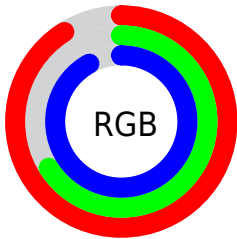
| Format | Color |
|-------------------------------------|--|
| RYB | 233, 168, 235 |
| Decimal | 15313131 |
| CIELab | 77.00, 34.70, -24.17 |
| CIELCh | 77, 42.289, 325.141 |
| Yxy | 51.5317, 0.3144, 0.2578 |
| Android (android.graphics.Color) | 4293503211 (0xFFE9A8EB) |
| YUV | 195.0730, 19.6840, 33.2620 |
| Hunter-Lab | 71.7856, 30.6113, -20.3676 |

Details

The CIELCh color $77, 42.289, 325.141$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $88, 42.220, 141.754$, 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 $57, 42.185, 324.977$ is the 20% darker color. If you saturate the color by 10%, you get $72, 56.766, 325.638$, and if you desaturate by 10%, it is $82, 27.433, 324.617$.

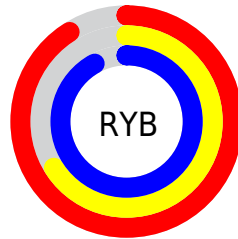
Distribution



Red (91%)

Green (66%)

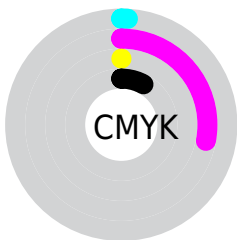
Blue (92%)



Red (91%)

Yellow (66%)

Blue (92%)

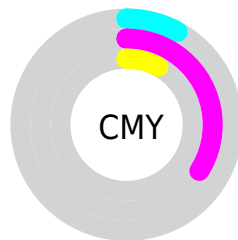


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (34%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 42.289, 325.141 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, 42.289, 325.141 by changing the saturation by 10% instead.


 77, 42.289,
325.141


 77, 42.289,
325.141


 100, 42.289,
325.141


 67, 42.289,
325.141


 97, 42.289,
325.141

 57, 42.289,
325.141

 47, 42.289,
325.141

 37, 42.289,
325.141

 27, 42.289,
325.141

 17, 42.289,
325.141

 7, 42.289, 325.141

0, 42.289, 325.141

77, 42.289,
325.141

77, 42.289,
325.141

72, 56.766,
325.638

82, 27.433,
324.617

67, 70.440,
326.090

88, 12.524,
324.073

63, 82.770,
326.478

94, 2.225, 143.696

60, 93.160,
326.779

98, 12.075,
142.937

57, 101.070,
326.979

98, 11.936,
141.977

56, 106.177,
327.066

98, 11.801,
140.992

■ 55, 108.643,
327.048

■ 98, 11.670,
139.984

■ 55, 108.919,
327.041

■ 98, 11.542,
138.950

■ 98, 11.418,
137.893

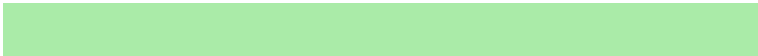
Harmonies

Complementary

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



77, 42.289, 325.141



88, 42.220, 141.754

Rectangle

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



77, 42.289, 325.141



77, 42.289, 15.141



77, 42.289, 145.141



77, 42.289, 195.141

Sweetspot

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



77, 42.286, 325.141



94, 14.200, 324.105



72, 35.325, 292.379



49, 9.876, 324.186



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, 42.286, 325.141



80, 53.737, 325.428



76, 31.085, 344.438



46, 8.380, 324.128



42, 89.488, 327.061



9, 38.311, 327.231

Inverse Universe

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



75, 26.441, 19.467



77, 34.358, 20.232



88, 30.173, 159.317



46, 4.904, 17.525



38, 79.524, 38.768



7, 28.407, 21.508

Previews

White Background



This preview shows how the CIELCh color 77, 42.289, 325.141 looks on a white background.

Color Contrast Check

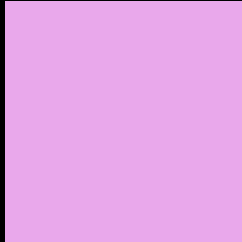
Large Text (above 18pt) WCAG AA × Fail

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, 42.289, 325.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

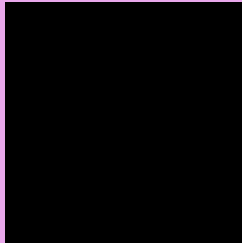
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 42.289, 325.141

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.289, 325.141.



This preview shows how white text looks on a background with the CIELCh color 77, 42.289, 325.141.

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, 42.289, 325.141

Protanopia
77, 33.436, 285.651

Deuteranopia
77, 24.766, 293.965



Tritanopia
77, 20.290, 359.653

Trichromacy



Original Color
77, 42.289, 325.141



Protanomaly
77, 34.904, 301.302



Deuteranomaly
77, 29.796, 308.553

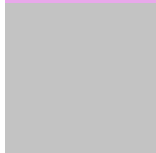


Tritanomaly
77, 26.740, 340.556

Monochromacy



Original Color
77, 42.289, 325.141



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 16.022, 323.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.289, 325.141 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(233, 168, 235)` looks like.

```
.text, #text, p{  
    color:rgb(233, 168, 235)  
}
```

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(233, 168, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 168, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.289, 325.141 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(233, 168, 235) }
```

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

```
.border{ border-color:rgb(233, 168, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 168, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 168, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 168, 235);  
box-shadow:4px 4px 4px 4px rgb(233, 168,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.289, 325.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 168, 235) }
```

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

```
.background{ background-color: rgb(233,  
168, 235) }
```

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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