

Converting Colors

CIELCh(78, 33.048, 335.156)

Have a look what the booklet for
CIELCh(78, 33.048, 335.156)
contains.

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Color

CIELCh(78, 32.913, 335.595)

Conversions

Conversions Part 1

Format	Color
Hex	EDAEDB
RGB	237, 174, 219
RGB Percent	93%, 68%, 86%
CMY	0.0718, 0.3188, 0.1423
CMYK	0.00, 0.27, 0.08, 0.07
HSL	317°, 63%, 80%
HSV	317°, 27%, 93%
XYZ	62.6512, 53.2120, 73.7817
YIQ	197.9670, 23.1030, 27.3510

Conversions

Conversions Part 2

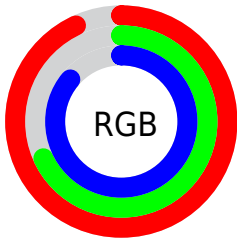
Format	Color
R _{YB}	237, 174, 219
Decimal	15576795
CIE Lab	78.00, 29.97, -13.60
CIE LCh	78, 32.913, 335.595
Yxy	53.2120, 0.3304, 0.2806
Android (android.graphics.Color)	4293766875 (0xFFEDAEDB)
YUV	197.9670, 10.3693, 34.2319
Hunter-Lab	72.9466, 25.6507, -8.9062

Details

The CIELCh color $78, 32.913, 335.595$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 32.615, 151.621$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $58, 32.739, 335.426$ is the 20% darker color. If you saturate the color by 10%, you get $73, 45.112, 336.394$, and if you desaturate by 10%, it is $84, 20.486, 334.843$.

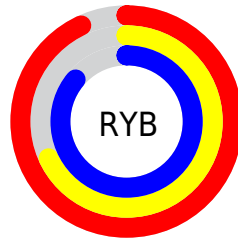
Distribution



Red (93%)

Green (68%)

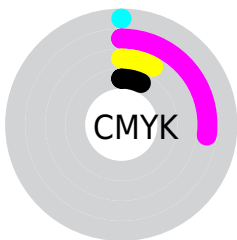
Blue (86%)



Red (93%)

Yellow (68%)

Blue (86%)

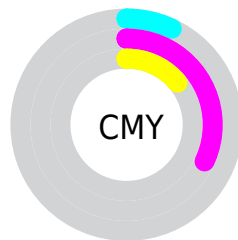


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.913, 335.595 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 78, 32.913, 335.595 by changing the saturation by 10% instead.


 78, 32.913,
335.595


 78, 32.913,
335.595


 100, 32.913,
335.595


 68, 32.913,
335.595


 98, 32.913,
335.595

 58, 32.913,
335.595

 48, 32.913,
335.595

 38, 32.913,
335.595

 28, 32.913,
335.595

 18, 32.913,
335.595

 8, 32.913, 335.595

0, 32.913, 335.595

78, 32.913,
335.595

78, 32.913,
335.595

73, 45.112,
336.394

84, 20.486,
334.843

68, 56.722,
337.251

90, 8.095, 334.112

63, 67.244,
338.185

96, 4.098, 153.589

59, 76.093,
339.228

98, 7.981, 162.836

56, 82.680,
340.424

99, 6.280, 199.113

54, 86.580,
341.837

■ 53, 87.752,
343.540

■ 53, 87.802,
344.167

Harmonies

Complementary

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



78, 32.913, 335.595



89, 32.615, 151.621

Rectangle

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



78, 32.913, 335.595



78, 32.913, 25.595



78, 32.913, 155.595



78, 32.913, 205.595

Sweetspot

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



78, 32.910, 335.596



95, 10.422, 334.218



74, 34.753, 303.016



50, 7.416, 334.329



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 32.910, 335.596



80, 41.998, 336.030



77, 25.059, 4.889



46, 6.925, 334.323



40, 72.062, 343.813



8, 31.749, 340.931

Inverse Universe

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



78, 32.910, 335.596



80, 41.998, 336.030



89, 22.566, 179.489



46, 6.925, 334.323



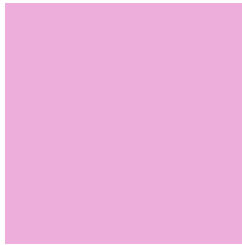
40, 72.062, 343.813



8, 31.749, 340.931

Previews

White Background



This preview shows how the CIELCh color 78, 32.913, 335.595 looks on a white background.

Color Contrast Check

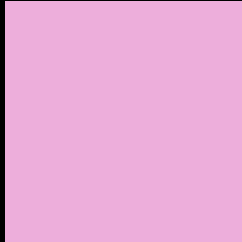
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.913, 335.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

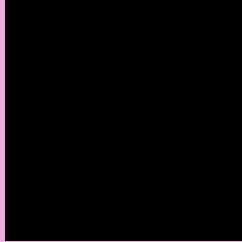
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.913, 335.595

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.913, 335.595.



This preview shows how white text looks on a background with the CIELCh color 78, 32.913, 335.595.

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

78, 32.913, 335.595

Protanopia

78, 20.950, 286.562

Deuteranopia

78, 15.771, 308.418



Tritanopia
78, 22.068, 1.692

Trichromacy



Original Color
78, 32.913, 335.595



Protanomaly
78, 23.070, 308.660



Deuteranomaly
78, 21.392, 322.805

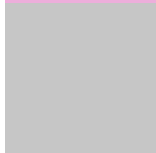


Tritanomaly
78, 25.533, 348.906

Monochromacy



Original Color
78, 32.913, 335.595



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 12.410, 333.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.913, 335.595 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(237, 174, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 219)  
}
```

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(237, 174, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.913, 335.595 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(237, 174, 219) }
```

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

```
.border{ border-color:rgb(237, 174, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.913, 335.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 219) }
```

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

```
.background{ background-color: rgb(237,  
174, 219) }
```

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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