

Converting Colors

CIELCh(78, 29.723, 334.478)

Have a look what the booklet for
CIELCh(78, 29.723, 334.478)
contains.

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Color

CIELCh(78, 29.735, 334.673)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0D9
RGB	232, 176, 217
RGB Percent	91%, 69%, 85%
CMY	0.0902, 0.3098, 0.1490
CMYK	0.00, 0.24, 0.06, 0.09
HSL	316°, 55%, 80%
HSV	316°, 24%, 91%
XYZ	61.3237, 53.2120, 72.6797
YIQ	197.4180, 20.2150, 24.6230

Conversions

Conversions Part 2

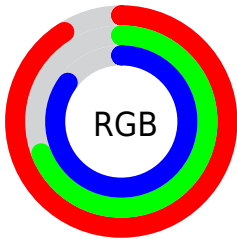
Format	Color
R _Y B	232, 176, 217
Decimal	15249625
CIE Lab	78.00, 26.88, -12.72
CIE LCh	78, 29.735, 334.673
Yxy	53.2120, 0.3276, 0.2842
Android (android.graphics.Color)	4293439705 (0xFFE8B0D9)
YUV	197.4180, 9.6539, 30.3284
Hunter-Lab	72.9466, 22.4024, -8.0105

Details

The CIELCh color $78, 29.735, 334.673$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 29.512, 151.182$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $58, 29.701, 334.931$ is the 20% darker color. If you saturate the color by 10%, you get $73, 41.961, 335.436$, and if you desaturate by 10%, it is $84, 17.349, 333.948$.

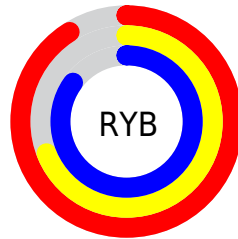
Distribution



Red (91%)

Green (69%)

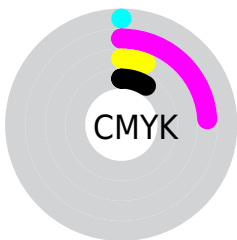
Blue (85%)



Red (91%)

Yellow (69%)

Blue (85%)

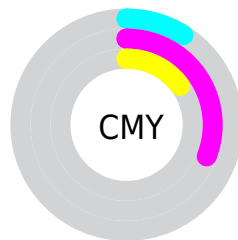


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (31%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.735, 334.673 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, 29.735, 334.673 by changing the saturation by 10% instead.


 78, 29.735,
334.673

 78, 29.735,
334.673

 100, 29.735,
334.673


 68, 29.735,
334.673


 98, 29.735,
334.673

 58, 29.735,
334.673

 48, 29.735,
334.673

 38, 29.735,
334.673

 28, 29.735,
334.673

 18, 29.735,
334.673

 8, 29.735, 334.673

0, 29.735, 334.673

78, 29.735,
334.673

78, 29.735,
334.673

73, 41.961,
335.436

84, 17.349,
333.948

68, 53.698,
336.246

90, 5.041, 333.218

63, 64.484,
337.117

96, 7.047, 152.701

59, 73.760,
338.072

98, 10.534,
159.318

56, 80.934,
339.147

98, 8.756, 175.090

54, 85.533,
340.394

98, 7.883, 196.316

98, 7.857, 198.993

■ 52, 87.393,
341.877

■ 52, 87.544,
342.854

Harmonies

Complementary

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



78, 29.735, 334.673



87, 29.512, 151.182

Rectangle

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



78, 29.735, 334.673



78, 29.735, 24.673



78, 29.735, 154.673



78, 29.735, 204.673

Sweetspot

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



78, 29.732, 334.674



96, 9.230, 333.441



75, 30.827, 302.238



50, 6.000, 333.485



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, 29.732, 334.674



82, 38.563, 335.051



77, 22.353, 3.315



45, 6.888, 333.615



40, 72.175, 342.536



8, 31.141, 339.786

Inverse Universe

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



78, 29.732, 334.674



82, 38.563, 335.051



88, 20.443, 178.473



45, 6.888, 333.615



40, 72.175, 342.536



8, 31.141, 339.786

Previews

White Background



This preview shows how the CIELCh color 78, 29.735, 334.673 looks on a white background.

Color Contrast Check

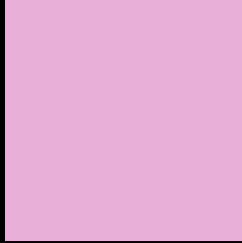
Large Text (above 18pt) WCAG AA × Fail

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, 29.735, 334.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

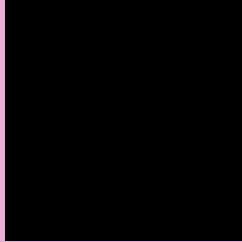
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 29.735, 334.673

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.735, 334.673.



This preview shows how white text looks on a background with the CIELCh color 78, 29.735, 334.673.

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





Tritanopia
78, 19.874, 359.170

Trichromacy



Original Color
78, 29.735, 334.673

Protanomaly
78, 20.810, 308.441

Deuteranomaly
78, 20.110, 322.603

Tritanomaly
78, 22.507, 348.453

Monochromacy



Original Color
78, 29.735, 334.673

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.145, 334.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.735, 334.673 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(232, 176, 217)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 217)  
}
```

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(232, 176, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.735, 334.673 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(232, 176, 217) }
```

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

```
.border{ border-color:rgb(232, 176, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 176, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 176, 217); box-shadow:4px 4px 4px 4px rgb(232, 176, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.735, 334.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 217) }
```

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

```
.background{ background-color: rgb(232,  
176, 217) }
```

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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