

Converting Colors

CIELCh(78, 31.637, 331.329)

Have a look what the booklet for
CIELCh(78, 31.637, 331.329)
contains.

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Color

CIELCh(78, 31.642, 331.296)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0DE
RGB	232, 176, 222
RGB Percent	91%, 69%, 87%
CMY	0.0920, 0.3115, 0.1312
CMYK	0.00, 0.24, 0.04, 0.09
HSL	311°, 54%, 80%
HSV	311°, 24%, 91%
XYZ	61.6978, 53.2120, 75.8137
YIQ	197.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

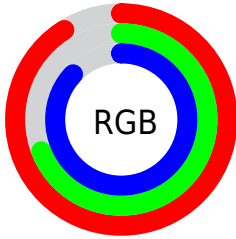
Format	Color
R _Y B	232, 176, 222
Decimal	15249630
CIE Lab	78.00, 27.75, -15.20
CIE LCh	78, 31.642, 331.296
Yxy	53.2120, 0.3235, 0.2790
Android (android.graphics.Color)	4293439710 (0xFFE8B0DE)
YUV	197.9880, 11.8379, 29.8285
Hunter-Lab	72.9466, 23.3178, -10.5577

Details

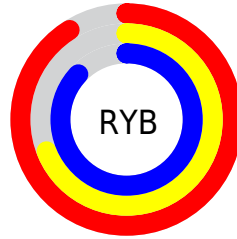
The CIELCh color $78, 31.642, 331.296$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 31.529, 148.050$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $58, 31.698, 331.343$ is the 20% darker color. If you saturate the color by 10%, you get $73, 44.585, 331.959$, and if you desaturate by 10%, it is $84, 18.501, 330.647$.

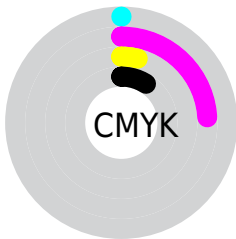
Distribution



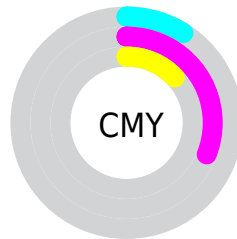
- Red (91%)
- Green (69%)
- Blue (87%)



- Red (91%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.642, 331.296 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, 31.642, 331.296 by changing the saturation by 10% instead.


 78, 31.642,
331.296


 78, 31.642,
331.296


 100, 31.642,
331.296


 68, 31.642,
331.296


 98, 31.642,
331.296

 58, 31.642,
331.296

 48, 31.642,
331.296

 38, 31.642,
331.296

 28, 31.642,
331.296

 18, 31.642,
331.296

 8, 31.642, 331.296

0, 31.642, 331.296

78, 31.642,
331.296

78, 31.642,
331.296

73, 44.585,
331.959

84, 18.501,
330.647

68, 56.981,
332.636

89, 5.415, 329.981

63, 68.357,
333.328

95, 7.460, 149.491

60, 78.144,
334.039

98, 11.996,
152.841

57, 85.761,
334.783

98, 10.530,
160.610

54, 90.750,
335.582

98, 9.306, 170.605

98, 8.429, 183.091

■ 53, 92.965,
336.469

■ 98, 8.017, 197.605

■ 53, 93.308,
337.027

■ 98, 8.006, 198.982

Harmonies

Complementary

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



78, 31.642, 331.296



87, 31.529, 148.050

Rectangle

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



78, 31.642, 331.296



78, 31.642, 21.296



78, 31.642, 151.296



78, 31.642, 201.296

Sweetspot

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



78, 31.639, 331.296



96, 9.838, 330.182



74, 30.582, 298.772



51, 6.395, 330.223



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, 31.639, 331.296



82, 41.015, 331.625



77, 23.234, 356.208



45, 7.340, 330.341



41, 76.976, 336.851



8, 32.982, 335.298

Inverse Universe

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



78, 31.639, 331.296



82, 41.015, 331.625



88, 21.823, 171.357



45, 7.340, 330.341



41, 76.976, 336.851



8, 32.982, 335.298

Previews

White Background



This preview shows how the CIELCh color 78, 31.642, 331.296 looks on a white background.

Color Contrast Check

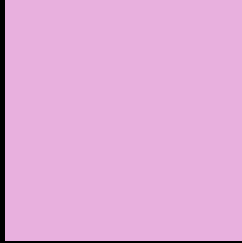
Large Text (above 18pt) WCAG AA × Fail

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, 31.642, 331.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

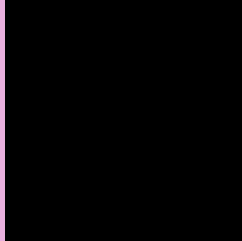
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 31.642, 331.296

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.642, 331.296.



This preview shows how white text looks on a background with the CIELCh color 78, 31.642, 331.296.

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, 31.642, 331.296

Protanopia

78, 22.038, 286.093

Deuteranopia

78, 17.219, 305.778



Tritanopia
78, 19.520, 358.706

Trichromacy



Original Color
78, 31.642, 331.296

Protanomaly
78, 23.834, 305.536

Deuteranomaly
78, 22.272, 318.221

Tritanomaly
78, 23.355, 345.087

Monochromacy



Original Color
78, 31.642, 331.296

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.685, 329.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.642, 331.296 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.642, 331.296 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, 222) }
```

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

```
.border{ border-color:rgb(232, 176, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 176, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 176, 222); box-shadow:4px 4px 4px 4px rgb(232, 176, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.642, 331.296 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, 222) }
```

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

```
.background{ background-color: rgb(232,  
176, 222) }
```

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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