

Converting Colors

CIELCh(78, 30.310, 325.480)

Have a look what the booklet for
CIELCh(78, 30.310, 325.480)
contains.

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Color

CIELCh(78, 30.182, 325.579)

Conversions

Conversions Part 1

Format	Color
Hex	E1B2E1
RGB	225, 178, 225
RGB Percent	88%, 70%, 88%
CMY	0.1181, 0.3024, 0.1181
CMYK	0.00, 0.21, 0.00, 0.12
HSL	300°, 44%, 79%
HSV	300°, 21%, 88%
XYZ	60.4846, 53.2120, 78.2302
YIQ	197.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

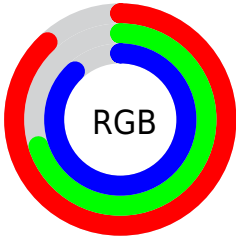
Format	Color
R _Y B	225, 178, 225
Decimal	14791393
CIE Lab	78.00, 24.90, -17.06
CIE LCh	78, 30.182, 325.579
Yxy	53.2120, 0.3151, 0.2773
Android (android.graphics.Color)	4292981473 (0xFFE1B2E1)
YUV	197.4110, 13.6014, 24.1956
Hunter-Lab	72.9466, 20.3492, -12.5219

Details

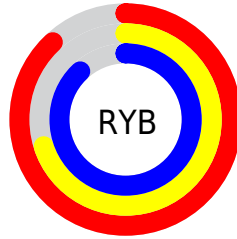
The CIELCh color $78, 30.182, 325.579$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 30.160, 143.090$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $58, 30.254, 325.225$ is the 20% darker color. If you saturate the color by 10%, you get $73, 44.527, 326.117$, and if you desaturate by 10%, it is $83, 15.686, 325.023$.

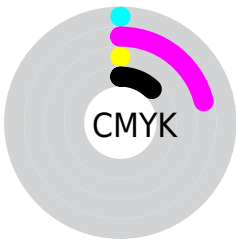
Distribution



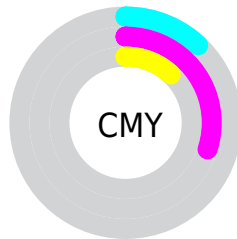
- Red (88%)
- Green (70%)
- Blue (88%)



- Red (88%)
- Yellow (70%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.182, 325.579 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, 30.182, 325.579 by changing the saturation by 10% instead.


 78, 30.182,
325.579


 78, 30.182,
325.579


 100, 30.182,
325.579


 68, 30.182,
325.579


 98, 30.182,
325.579

 58, 30.182,
325.579

 48, 30.182,
325.579

 38, 30.182,
325.579

 28, 30.182,
325.579

 18, 30.182,
325.579

 8, 30.182, 325.579

0, 30.182, 325.579

78, 30.182,
325.579

78, 30.182,
325.579

73, 44.527,
326.117

83, 15.686,
325.023

68, 58.384,
326.625

89, 1.289, 324.273

64, 71.300,
327.086

95, 12.853,
143.975

60, 82.735,
327.485

97, 18.816,
143.741

57, 92.132,
327.804

97, 18.816,
143.741

55, 99.031,
328.034

97, 18.816,
143.742

■ 54, 103.234,
328.172

■ 97, 18.816,
143.742

■ 53, 105.094,
328.233

■ 97, 18.815,
143.742

■ 97, 18.815,
143.742

Harmonies

Complementary

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



78, 30.182, 325.579



85, 30.160, 143.090

Rectangle

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



78, 30.182, 325.579



78, 30.182, 15.579



78, 30.182, 145.579



78, 30.182, 195.579

Sweetspot

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



78, 30.179, 325.579



96, 9.538, 324.741



74, 25.484, 292.564



51, 6.329, 324.780



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, 30.179, 325.579



85, 39.976, 325.812



77, 21.436, 345.490



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Inverse Universe

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



78, 30.179, 325.579



85, 39.976, 325.812



86, 20.882, 161.812



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Previews

White Background



This preview shows how the CIELCh color 78, 30.182, 325.579 looks on a white background.

Color Contrast Check

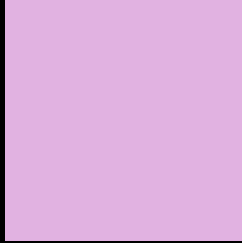
Large Text (above 18pt) WCAG AA × Fail

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, 30.182, 325.579 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, 30.182, 325.579

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.182, 325.579.



This preview shows how white text looks on a background with the CIELCh color 78, 30.182, 325.579.

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, 30.182, 325.579

Protanopia

78, 23.099, 286.493

Deuteranopia

78, 19.157, 302.263



Tritanopia
78, 16.026, 353.044

Trichromacy



Original Color
78, 30.182, 325.579

Protanomaly
78, 24.644, 302.653

Deuteranomaly
78, 23.146, 313.247

Tritanomaly
78, 20.467, 338.454

Monochromacy



Original Color
78, 30.182, 325.579

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.037, 324.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.182, 325.579 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(225, 178, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 225)  
}
```

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(225, 178, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.182, 325.579 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(225, 178, 225) }
```

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

```
.border{ border-color:rgb(225, 178, 225) }
```

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

Here you see how a box with a 4 pixel rgb(225, 178, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.182, 325.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 225) }
```

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

```
.background{ background-color: rgb(225,  
178, 225) }
```

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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