

Converting Colors

CIELCh(78, 30.095, 326.184)

Have a look what the booklet for
CIELCh(78, 30.095, 326.184)
contains.

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Color

CIELCh(78, 29.753, 326.161)

Conversions

Conversions Part 1

Format	Color
Hex	E1B2E0
RGB	225, 178, 224
RGB Percent	88%, 70%, 88%
CMY	0.1178, 0.3021, 0.1217
CMYK	0.00, 0.21, 0.00, 0.12
HSL	301°, 44%, 79%
HSV	301°, 21%, 88%
XYZ	60.4069, 53.2120, 77.5865
YIQ	197.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

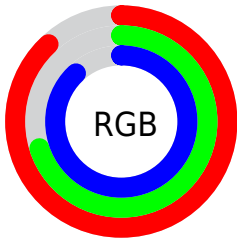
Format	Color
R_{YB}	225, 178, 224
Decimal	14791392
CIE _{Lab}	78.00, 24.71, -16.57
CIE _{LCh}	78, 29.753, 326.161
Yxy	53.2120, 0.3159, 0.2783
Android (android.graphics.Color)	4292981472 (0xFFE1B2E0)
YUV	197.2970, 13.1646, 24.2955
Hunter-Lab	72.9466, 20.1590, -11.9987

Details

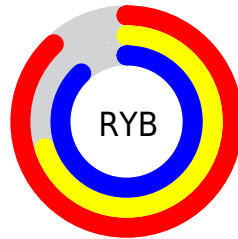
The CIELCh color $78, 29.753, 326.161$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 29.728, 143.653$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $58, 29.799, 325.831$ is the 20% darker color. If you saturate the color by 10%, you get $73, 43.902, 326.709$, and if you desaturate by 10%, it is $83, 15.458, 325.597$.

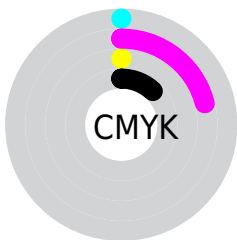
Distribution



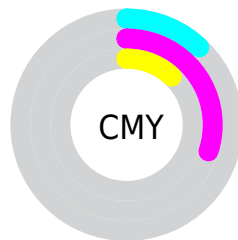
- Red (88%)
- Green (70%)
- Blue (88%)



- 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, 29.753, 326.161 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, 29.753, 326.161 by changing the saturation by 10% instead.


 78, 29.753,
326.161


 78, 29.753,
326.161


 100, 29.753,
326.161


 68, 29.753,
326.161


 98, 29.753,
326.161

 58, 29.753,
326.161

 48, 29.753,
326.161

 38, 29.753,
326.161

 28, 29.753,
326.161

 18, 29.753,
326.161

 8, 29.753, 326.161

■ 0, 29.753, 326.161

■ 78, 29.753,
326.161

■ 78, 29.753,
326.161

■ 73, 43.902,
326.709

■ 83, 15.458,
325.597

■ 68, 57.574,
327.231

■ 89, 1.262, 324.835

■ 64, 70.317,
327.713

■ 95, 12.681,
144.542

■ 60, 81.593,
328.140

■ 97, 18.373,
144.559

■ 57, 90.842,
328.497

■ 97, 18.172,
145.000

■ 55, 97.598,
328.777

■ 97, 17.973,
145.449

■ 54, 101.652,
328.978

■ 97, 17.774,
145.909

■ 53, 103.368,
329.107

■ 97, 17.577,
146.378

■ 97, 17.380,
146.858

Harmonies

Complementary

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



78, 29.753, 326.161



85, 29.728, 143.653

Rectangle

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



78, 29.753, 326.161



78, 29.753, 16.161



78, 29.753, 146.161



78, 29.753, 196.161

Sweetspot

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



78, 29.750, 326.161



96, 9.402, 325.313



74, 25.489, 293.148



51, 6.238, 325.353



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, 29.750, 326.161



85, 39.409, 326.398



77, 21.214, 346.430



44, 8.037, 325.514



42, 86.049, 329.093



8, 35.420, 328.944

Inverse Universe

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



78, 29.750, 326.161



85, 39.409, 326.398



86, 20.620, 162.699



44, 8.037, 325.514



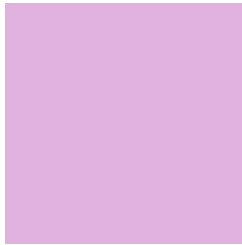
42, 86.049, 329.093



8, 35.420, 328.944

Previews

White Background



This preview shows how the CIELCh color 78, 29.753, 326.161 looks on a white background.

Color Contrast Check

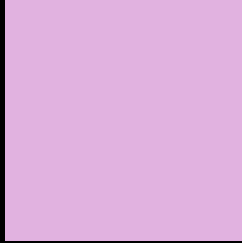
Large Text (above 18pt) WCAG AA × Fail

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, 29.753, 326.161 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, 29.753, 326.161

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.753, 326.161.



This preview shows how white text looks on a background with the CIELCh color 78, 29.753, 326.161.

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, 16.026, 353.044

Trichromacy



Original Color
78, 29.753, 326.161

Protanomaly
78, 24.119, 302.859

Deuteranomaly
78, 22.652, 313.736

Tritanomaly
78, 20.467, 338.454

Monochromacy



Original Color
78, 29.753, 326.161

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, 29.753, 326.161 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.753, 326.161 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, 224) }
```

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

```
.border{ border-color:rgb(225, 178, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.753, 326.161 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, 224) }
```

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

```
.background{ background-color: rgb(225,  
178, 224) }
```

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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