

Converting Colors

CIELCh(78, 41.081, 311.419)

Have a look what the booklet for
CIELCh(78, 41.081, 311.419)
contains.

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Color

CIELCh(78, 40.752, 311.397)

Conversions

Conversions Part 1

Format	Color
Hex	D8B2FA
RGB	216, 178, 250
RGB Percent	85%, 70%, 98%
CMY	0.1538, 0.3028, 0.0205
CMYK	0.14, 0.29, 0.00, 0.02
HSL	272°, 87%, 84%
HSV	272°, 29%, 98%
XYZ	61.3541, 53.2120, 97.2976
YIQ	197.5700, -0.4640, 30.4480

Conversions

Conversions Part 2

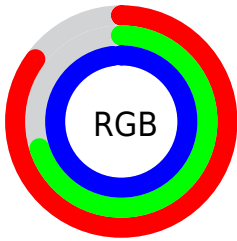
Format	Color
R _Y B	216, 178, 250
Decimal	14201594
CIE Lab	78.00, 26.95, -30.57
CIE LCh	78, 40.752, 311.397
Yxy	53.2120, 0.2896, 0.2512
Android (android.graphics.Color)	4292391674 (0xFFD8B2FA)
YUV	197.5700, 25.8480, 16.1631
Hunter-Lab	72.9466, 22.4767, -28.0196

Details

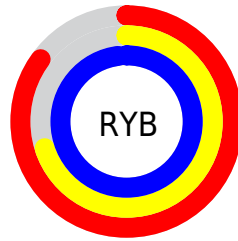
The CIELCh color $78, 40.752, 311.397$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $94, 39.234, 128.698$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $58, 40.571, 311.279$ is the 20% darker color. If you saturate the color by 10%, you get $71, 55.408, 311.919$, and if you desaturate by 10%, it is $85, 26.290, 310.888$.

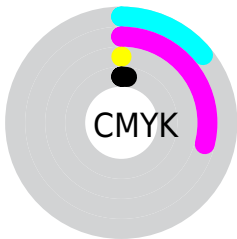
Distribution



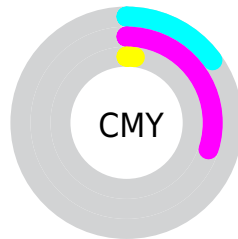
- Red (85%)
- Green (70%)
- Blue (98%)



- Red (85%)
- Yellow (70%)
- Blue (98%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (30%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 40.752, 311.397 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, 40.752, 311.397 by changing the saturation by 10% instead.


 78, 40.752,
311.397

 78, 40.752,
311.397


 100, 40.752,
311.397


 68, 40.752,
311.397


 98, 40.752,
311.397

 58, 40.752,
311.397

 48, 40.752,
311.397

 38, 40.752,
311.397

 28, 40.752,
311.397

 18, 40.752,
311.397

 8, 40.752, 311.397

■ 0, 40.752, 311.397

■ 78, 40.752,
311.397

■ 78, 40.752,
311.397

■ 71, 55.408,
311.919

■ 85, 26.290,
310.888

■ 65, 70.031,
312.427

■ 92, 12.155,
310.406

■ 58, 84.225,
312.875

■ 99, 1.592, 130.077

■ 53, 97.370,
313.195

■ 100, 2.636,
109.952

■ 48, 108.601,
313.291

■ 44, 116.939,
313.053

■ 41, 121.860,
312.417

■ 41, 122.344,
312.336

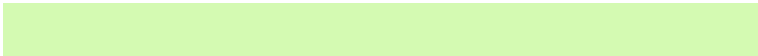
Harmonies

Complementary

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



78, 40.752, 311.397



94, 39.234, 128.698

Rectangle

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



78, 40.752, 311.397



78, 40.752, 1.397



78, 40.752, 131.397



78, 40.752, 181.397

Sweetspot

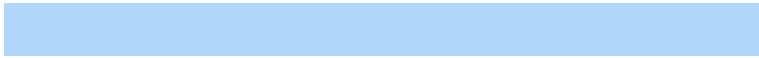
The Sweet Spot groups the original color and five complimentary colors.



78, 40.750, 311.397



94, 12.618, 310.415



84, 22.174, 261.771



49, 8.785, 310.484



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, 40.750, 311.397



75, 50.643, 311.721



81, 44.765, 326.477



48, 7.845, 310.438



30, 98.929, 312.530



6, 43.260, 313.490

Inverse Universe

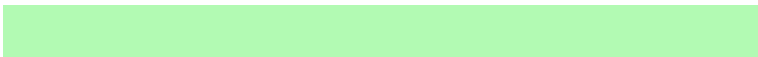
The Inverse Universe completely reimagines the original color for something new.



80, 31.825, 347.949



78, 39.372, 348.699



92, 44.765, 142.861



49, 6.164, 345.947



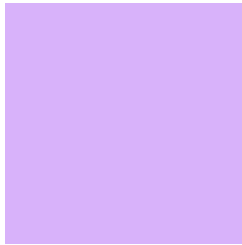
40, 67.364, 4.730



10, 30.831, 358.431

Previews

White Background



This preview shows how the CIELCh color 78, 40.752, 311.397 looks on a white background.

Color Contrast Check

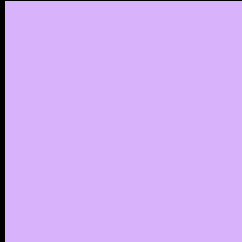
Large Text (above 18pt) WCAG AA × Fail

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, 40.752, 311.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

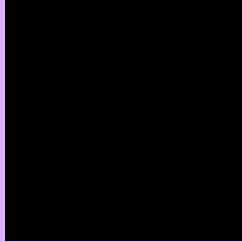
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.752, 311.397

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.752, 311.397.



This preview shows how white text looks on a background with the CIELCh color 78, 40.752, 311.397.

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, 11.166, 334.364

Trichromacy



Original Color
78, 40.752, 311.397

Protanomaly
78, 36.006, 295.387

Deuteranomaly
78, 33.457, 298.125

Tritanomaly
78, 21.152, 318.637

Monochromacy



Original Color
78, 40.752, 311.397

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 14.842, 310.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.752, 311.397 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(216, 178, 250)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 250)  
}
```

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(216, 178, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.752, 311.397 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(216, 178, 250) }
```

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

```
.border{ border-color:rgb(216, 178, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 250);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.752, 311.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 250) }
```

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

```
.background{ background-color: rgb(216,  
178, 250) }
```

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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