

Converting Colors

CIELCh(77, 26.115, 319.382)

Have a look what the booklet for
CIELCh(77, 26.115, 319.382)
contains.

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Color

CIELCh(77, 26.115, 319.382)

Conversions

Conversions Part 1

Format	Color
Hex	D5B3DE
RGB	213, 179, 222
RGB Percent	84%, 70%, 87%
CMY	0.1656, 0.2988, 0.1303
CMYK	0.04, 0.19, 0.00, 0.13
HSL	287°, 39%, 79%
HSV	287°, 19%, 87%
XYZ	56.6109, 51.5317, 75.9162
YIQ	194.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

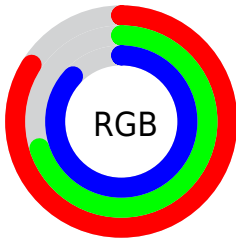
Format	Color
R_{YB}	213, 179, 222
Decimal	14005214
CIE _{Lab}	77.00, 19.82, -17.00
CIE _{LCh}	77, 26.115, 319.382
Yxy	51.5317, 0.3076, 0.2800
Android (android.graphics.Color)	4292195294 (0xFFD5B3DE)
YUV	194.0680, 13.7705, 16.6034
Hunter-Lab	71.7856, 15.1421, -12.4516

Details

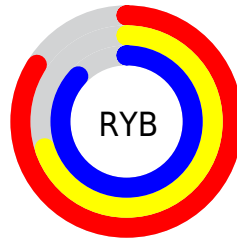
The CIELCh color **77, 26.115, 319.382** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85, 25.859, 137.588**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.482, 324.851**, and **57, 26.262, 319.279** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.767, 319.828**, and if you desaturate by 10%, it is **83, 12.541, 318.926**.

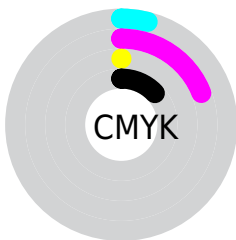
Distribution



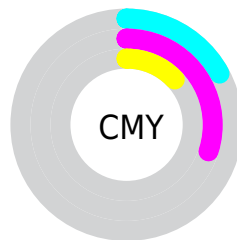
- Red (84%)
- Green (70%)
- Blue (87%)



- Red (84%)
- Yellow (70%)
- Blue (87%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)





- Cyan (17%)
- Magenta (30%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 26.115, 319.382 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 77, 26.115, 319.382 by changing the saturation by 10% instead.


 77, 26.115,
319.382

 77, 26.115,
319.382


 100, 26.115,
319.382


 67, 26.115,
319.382


 97, 26.115,
319.382


 57, 26.115,
319.382

 47, 26.115,
319.382

 37, 26.115,
319.382

 27, 26.115,
319.382

 17, 26.115,
319.382

 7, 26.115, 319.382

0, 26.115, 319.382

77, 26.115,
319.382

77, 26.115,
319.382

71, 39.767,
319.828

83, 12.541,
318.926

66, 53.277,
320.249

89, 0.806, 138.783

61, 66.308,
320.620

95, 13.846,
138.106

56, 78.390,
320.904

98, 18.971,
135.538

52, 88.932,
321.059

98, 18.255,
130.989

49, 97.297,
321.037

98, 17.664,
126.051

■ 46, 102.965,
320.792

■ 99, 17.215,
120.765

■ 45, 106.011,
320.323

■ 99, 16.924,
115.198

■ 45, 106.171,
320.292

■ 99, 16.803,
109.451

Harmonies

Complementary

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



77, 26.115, 319.382



85, 25.859, 137.588

Rectangle

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



77, 26.115, 319.382



77, 26.115, 9.382



77, 26.115, 139.382



77, 26.115, 189.382

Sweetspot

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



77, 26.113, 319.382



96, 8.955, 318.769



77, 18.303, 281.939



51, 5.943, 318.800



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 26.113, 319.382



85, 34.777, 319.553



77, 22.745, 334.946



43, 7.519, 318.928



35, 88.307, 320.412



5, 33.481, 320.762

Inverse Universe

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



77, 16.996, 4.494



85, 22.787, 4.968



85, 22.582, 152.192



43, 4.811, 3.365



36, 69.015, 28.463



5, 23.751, 11.221

Previews

White Background



This preview shows how the CIELCh color 77, 26.115, 319.382 looks on a white background.

Color Contrast Check

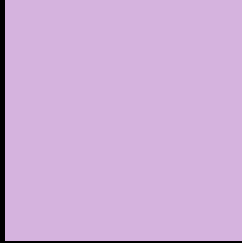
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 26.115, 319.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

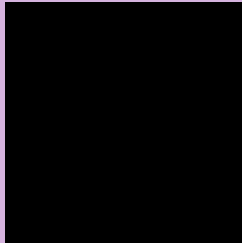
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.115, 319.382

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.115, 319.382.



This preview shows how white text looks on a background with the CIELCh color 77, 26.115, 319.382.

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

77, 26.115, 319.382

Protanopia

77, 21.017, 285.685

Deuteranopia

77, 18.546, 300.427



Tritanopia
77, 12.234, 342.617

Trichromacy



Original Color
77, 26.115, 319.382

Protanomaly
77, 22.285, 299.204

Deuteranomaly
77, 21.481, 308.962

Tritanomaly
77, 17.128, 329.256

Monochromacy



Original Color
77, 26.115, 319.382

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.842, 319.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.115, 319.382 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(213, 179, 222)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 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(213, 179, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.115, 319.382 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(213, 179, 222) }
```

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

```
.border{ border-color:rgb(213, 179, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.115, 319.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 222) }
```

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

```
.background{ background-color: rgb(213,  
179, 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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