

Converting Colors

CIELCh(71, 30.503, 325.079)

Have a look what the booklet for
CIELCh(71, 30.503, 325.079)
contains.

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Color

CIELCh(71, 30.503, 325.079)

Conversions

Conversions Part 1

Format	Color
Hex	CD9FCE
RGB	205, 159, 206
RGB Percent	80%, 62%, 81%
CMY	0.1964, 0.3768, 0.1925
CMYK	0.00, 0.23, 0.00, 0.19
HSL	299°, 32%, 72%
HSV	299°, 23%, 81%
XYZ	48.6680, 42.1875, 63.9166
YIQ	178.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

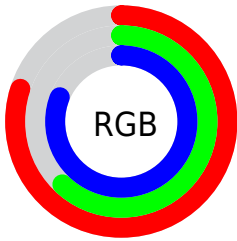
Format	Color
R_{YB}	205, 159, 206
Decimal	13475790
CIE _{Lab}	71.00, 25.01, -17.46
CIE _{LCh}	71, 30.503, 325.079
Yxy	42.1875, 0.3144, 0.2726
Android (android.graphics.Color)	4291665870 (0xFFCD9FCE)
YUV	178.1120, 13.7488, 23.5808
Hunter-Lab	64.9519, 20.0829, -12.8786

Details

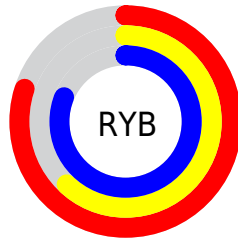
The CIELCh color $71, 30.503, 325.079$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 30.458, 142.428$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $51, 30.682, 324.731$ is the 20% darker color. If you saturate the color by 10%, you get $66, 43.750, 325.595$, and if you desaturate by 10%, it is $76, 17.088, 324.543$.

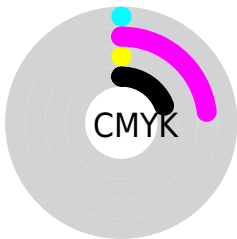
Distribution



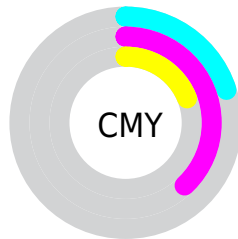
- Red (80%)
- Green (62%)
- Blue (81%)



- Red (80%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (38%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.503, 325.079 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 71, 30.503, 325.079 by changing the saturation by 10% instead.


 71, 30.503,
325.079


 71, 30.503,
325.079


 100, 30.503,
325.079


 61, 30.503,
325.079


 91, 30.503,
325.079

 51, 30.503,
325.079

 41, 30.503,
325.079

 31, 30.503,
325.079

 21, 30.503,
325.079

 11, 30.503,
325.079

 1, 30.503, 325.079

■ 0, 30.503, 325.079

■ 71, 30.503,
325.079

■ 71, 30.503,
325.079

■ 66, 43.750,
325.595

■ 76, 17.088,
324.543

■ 62, 56.510,
326.079

■ 81, 3.740, 323.957

■ 58, 68.356,
326.511

■ 87, 9.389, 143.530

■ 54, 78.783,
326.873

■ 92, 22.207,
143.006

■ 52, 87.274,
327.147

■ 96, 30.512,
142.601

■ 50, 93.414,
327.320

■ 96, 30.423,
142.376

■ 96, 30.334,

■ 49, 97.040,
327.388

142.149

■ 48, 98.459,
327.387

■ 96, 30.246,
141.921

■ 96, 30.158,
141.691

Harmonies

Complementary

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



71, 30.503, 325.079



79, 30.458, 142.428

Rectangle

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



71, 30.503, 325.079



71, 30.503, 15.079



71, 30.503, 145.079



71, 30.503, 195.079

Sweetspot

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



71, 30.501, 325.079



96, 11.060, 324.225



67, 25.099, 291.510



51, 7.189, 324.260



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 30.501, 325.079



84, 42.905, 325.315



70, 22.292, 343.847



40, 7.488, 324.354



39, 83.789, 327.400



5, 28.833, 326.693

Inverse Universe

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



70, 18.630, 19.450



82, 26.652, 19.957



79, 21.763, 159.923



40, 4.368, 18.203



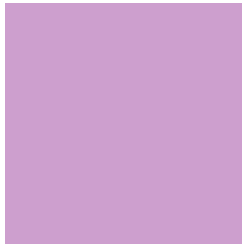
34, 74.682, 38.960



4, 17.918, 18.356

Previews

White Background



This preview shows how the CIELCh color 71, 30.503, 325.079 looks on a white background.

Color Contrast Check

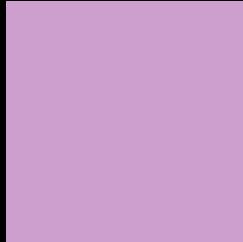
Large Text (above 18pt) WCAG AA × Fail

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 71, 30.503, 325.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

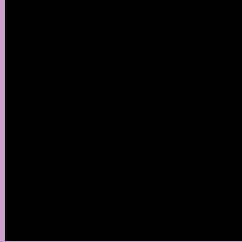
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.503, 325.079

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.503, 325.079.



This preview shows how white text looks on a background with the CIELCh color 71, 30.503, 325.079.

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


71, 30.503, 325.079

Protanopia

71, 23.570, 285.965

Deuteranopia

71, 18.799, 299.456



Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 30.503, 325.079

Protanomaly
71, 25.059, 301.995

Deuteranomaly
71, 22.686, 311.249

Tritanomaly
71, 20.562, 337.832

Monochromacy



Original Color
71, 30.503, 325.079

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 11.242, 324.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.503, 325.079 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(205, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 159, 206)  
}
```

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(205, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 159, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.503, 325.079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

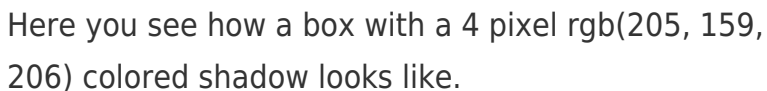
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 159, 206) }
```

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

```
.border{ border-color:rgb(205, 159, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 159,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.503, 325.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 159, 206) }
```

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

```
.background{ background-color: rgb(205,  
159, 206) }
```

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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