

Converting Colors

CIELCh(72, 26.151, 317.998)

Have a look what the booklet for
CIELCh(72, 26.151, 317.998)
contains.

CIELCh(72, 26.126, 317.994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 26.126, 317.994)

Conversions

Conversions Part 1

Format	Color
Hex	C6A6D1
RGB	198, 166, 209
RGB Percent	78%, 65%, 82%
CMY	0.2252, 0.3506, 0.1820
CMYK	0.05, 0.21, 0.00, 0.18
HSL	285°, 32%, 73%
HSV	285°, 21%, 82%
XYZ	48.1998, 43.6590, 65.9374
YIQ	180.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

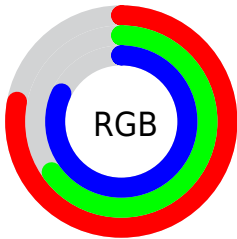
Format	Color
RYB	198, 166, 209
Decimal	13018833
CIELab	72.00, 19.41, -17.48
CIELCh	72, 26.126, 317.994
Yxy	43.6590, 0.3055, 0.2767
Android (android.graphics.Color)	4291208913 (0xFFC6A6D1)
YUV	180.4700, 14.0653, 15.3738
Hunter-Lab	66.0750, 14.5794, -12.9141

Details

The CIELCh color `72, 26.126, 317.994` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `80, 25.790, 136.149`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 21.281, 325.165`, and `52, 26.345, 317.837` is the 20% darker color. If you saturate the color by 10%, you get `67, 39.014, 318.431`, and if you desaturate by 10%, it is `78, 13.331, 317.550`.

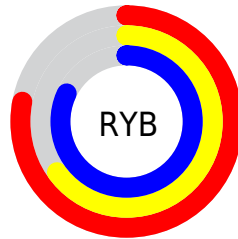
Distribution



Red (78%)

Green (65%)

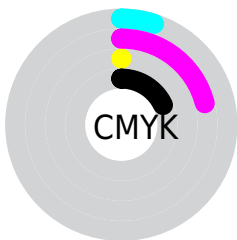
Blue (82%)



Red (78%)

Yellow (65%)

Blue (82%)

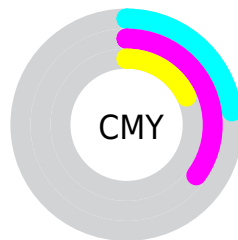


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (23%)


Magenta (35%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.126, 317.994 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 72, 26.126, 317.994 by changing the saturation by 10% instead.


 72, 26.126,
317.994


 72, 26.126,
317.994


 100, 26.126,
317.994


 62, 26.126,
317.994


 92, 26.126,
317.994

 52, 26.126,
317.994

 42, 26.126,
317.994

 32, 26.126,
317.994

 22, 26.126,
317.994

 12, 26.126,
317.994

 2, 26.126, 317.994

0, 26.126, 317.994

72, 26.126,
317.994

72, 26.126,
317.994

67, 39.014,
318.431

78, 13.331,
317.550

61, 51.797,
318.845

83, 0.762, 316.879

56, 64.164,
319.208

89, 11.512,
136.754

52, 75.672,
319.480

95, 23.455,
136.368

48, 85.754,
319.612

97, 26.167,
133.711

45, 93.777,
319.548

97, 25.363,
129.887

■ 42, 99.213,
319.235

■ 98, 24.679,
125.780

■ 41, 102.145,
318.726

■ 98, 24.131,
121.414

■ 98, 23.735,
116.827

Harmonies

Complementary

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



72, 26.126, 317.994



80, 25.790, 136.149

Rectangle

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



72, 26.126, 317.994



72, 26.126, 7.994



72, 26.126, 137.994



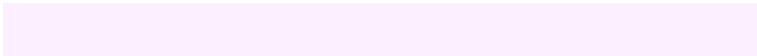
72, 26.126, 187.994

Sweetspot

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



72, 26.124, 317.994



96, 8.839, 317.344



72, 17.485, 278.927



51, 5.867, 317.375



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 26.124, 317.994



83, 37.421, 318.200



73, 23.834, 333.057



41, 7.138, 317.496



32, 87.012, 318.854



4, 28.776, 317.826

Inverse Universe

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



72, 17.505, 1.200



84, 25.231, 1.796



80, 23.710, 150.245



41, 4.713, 359.923



35, 65.566, 24.546



4, 20.350, 7.678

Previews

White Background



This preview shows how the CIELCh color 72, 26.126, 317.994 looks on a white background.

Color Contrast Check

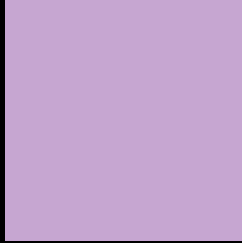
Large Text (above 18pt) WCAG AA × Fail

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 72, 26.126, 317.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

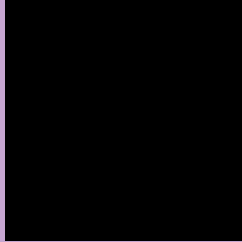
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 26.126, 317.994

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.126, 317.994.



This preview shows how white text looks on a background with the CIELCh color 72, 26.126, 317.994.

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


72, 26.126, 317.994

Protanopia

72, 21.852, 286.093

Deuteranopia

72, 19.299, 299.265



Tritanopia
72, 11.475, 342.439

Trichromacy



Original Color
72, 26.126, 317.994

Protanomaly
72, 22.538, 298.426

Deuteranomaly
72, 21.565, 307.200

Tritanomaly
72, 16.474, 328.397

Monochromacy



Original Color
72, 26.126, 317.994

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.147, 317.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.126, 317.994 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(198, 166, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 209)  
}
```

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(198, 166, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.126, 317.994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

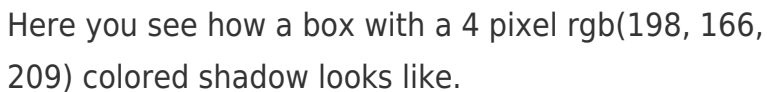
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 166, 209) }
```

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

```
.border{ border-color:rgb(198, 166, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 166, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 166, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 166, 209); box-shadow:4px 4px 4px 4px rgb(198, 166, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.126, 317.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 209) }
```

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

```
.background{ background-color: rgb(198,  
166, 209) }
```

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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