

Converting Colors

CIELCh(72, 26.159, 325.502)

Have a look what the booklet for
CIELCh(72, 26.159, 325.502)
contains.

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Color

CIELCh(72, 26.159, 325.502)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4CC
RGB	204, 164, 204
RGB Percent	80%, 64%, 80%
CMY	0.2006, 0.3575, 0.2006
CMYK	0.00, 0.20, 0.00, 0.20
HSL	300°, 28%, 72%
HSV	300°, 20%, 80%
XYZ	48.9820, 43.6590, 62.8674
YIQ	180.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

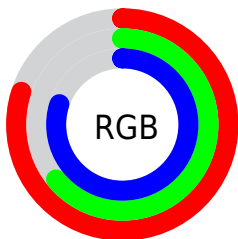
Format	Color
R_{YB}	204, 164, 204
Decimal	13411532
CIE _{Lab}	72.00, 21.56, -14.82
CIE _{LCh}	72, 26.159, 325.502
Yxy	43.6590, 0.3150, 0.2808
Android (android.graphics.Color)	4291601612 (0xFFCCA4CC)
YUV	180.5200, 11.5756, 20.5920
Hunter-Lab	66.0750, 16.6925, -10.1594

Details

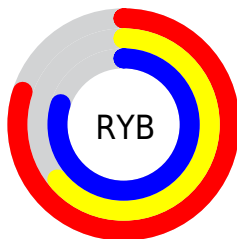
The CIELCh color $72, 26.159, 325.502$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 26.138, 143.196$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 22.540, 325.209$, and $52, 26.116, 325.037$ is the 20% darker color. If you saturate the color by 10%, you get $67, 39.440, 326.040$, and if you desaturate by 10%, it is $77, 12.776, 324.946$.

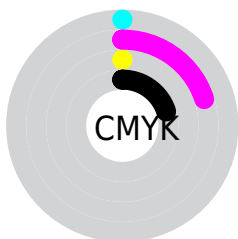
Distribution



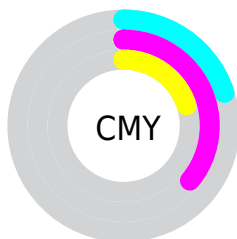
- Red (80%)
- Green (64%)
- Blue (80%)



- Red (80%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.159, 325.502 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, 26.159, 325.502 by changing the saturation by 10% instead.


 72, 26.159,
325.502


 72, 26.159,
325.502


 100, 26.159,
325.502


 62, 26.159,
325.502


 92, 26.159,
325.502

 52, 26.159,
325.502

 42, 26.159,
325.502

 32, 26.159,
325.502

 22, 26.159,
325.502

 12, 26.159,
325.502

 2, 26.159, 325.502

0, 26.159, 325.502

72, 26.159,
325.502

72, 26.159,
325.502

67, 39.440,
326.040

77, 12.776,
324.946

63, 52.325,
326.550

82, 0.493, 144.953

59, 64.416,
327.017

87, 13.514,
143.907

55, 75.229,
327.424

93, 26.204,
143.381

53, 84.253,
327.756

95, 32.065,
143.142

50, 91.043,
328.000

95, 32.065,
143.142

■ 49, 95.367,
328.153

■ 95, 32.065,
143.142

■ 48, 97.550,
328.230

■ 95, 32.065,
143.142

■ 48, 97.621,
328.232

■ 95, 32.065,
143.142

Harmonies

Complementary

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



72, 26.159, 325.502



78, 26.138, 143.196

Rectangle

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



72, 26.159, 325.502



72, 26.159, 15.502



72, 26.159, 145.502



72, 26.159, 195.502

Sweetspot

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



72, 26.157, 325.502



96, 9.538, 324.741



69, 21.643, 291.734



51, 6.329, 324.780



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, 26.157, 325.502



85, 38.382, 325.757



71, 18.759, 344.435



40, 7.538, 324.934



39, 83.711, 328.232



5, 29.042, 327.497

Inverse Universe

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



71, 15.721, 20.791



84, 23.487, 21.256



79, 18.340, 161.084



40, 4.369, 19.925



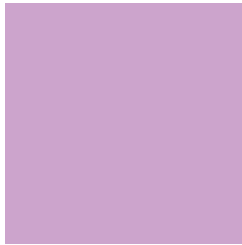
34, 75.554, 39.823



4, 17.910, 19.405

Previews

White Background



This preview shows how the CIELCh color 72, 26.159, 325.502 looks on a white background.

Color Contrast Check

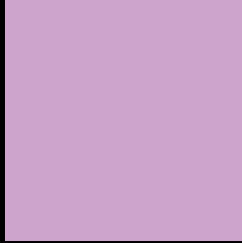
Large Text (above 18pt) WCAG AA × Fail

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 72, 26.159, 325.502 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, 26.159, 325.502

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.159, 325.502.

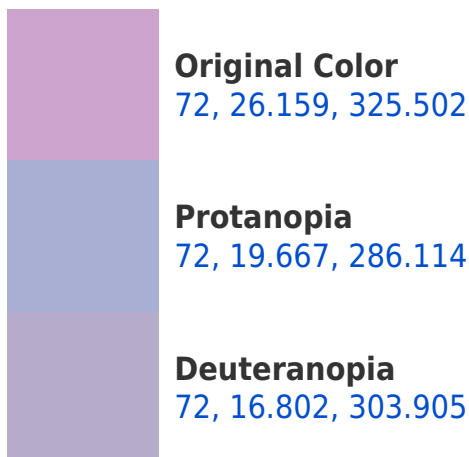


This preview shows how white text looks on a background with the CIELCh color 72, 26.159, 325.502.

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
72, 14.349, 351.314

Trichromacy



Original Color
72, 26.159, 325.502

Protanomaly
72, 20.620, 302.820

Deuteranomaly
72, 20.091, 313.772

Tritanomaly
72, 18.344, 338.176

Monochromacy



Original Color
72, 26.159, 325.502

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.903, 324.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.159, 325.502 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(204, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 204)  
}
```

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(204, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.159, 325.502 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(204, 164, 204) }
```

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

```
.border{ border-color:rgb(204, 164, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.159, 325.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 204) }
```

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

```
.background{ background-color: rgb(204,  
164, 204) }
```

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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