

Converting Colors

CIELCh(72, 26.601, 326.883)

Have a look what the booklet for
CIELCh(72, 26.601, 326.883)
contains.

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Color

CIELCh(72, 26.576, 326.878)

Conversions

Conversions Part 1

Format	Color
Hex	CDA3CB
RGB	205, 163, 203
RGB Percent	80%, 64%, 80%
CMY	0.1948, 0.3595, 0.2026
CMYK	0.00, 0.20, 0.01, 0.19
HSL	303°, 30%, 72%
HSV	303°, 20%, 81%
XYZ	49.2386, 43.6590, 62.5350
YIQ	180.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

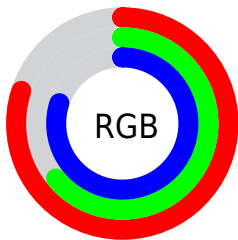
Format	Color
R_{YB}	205, 163, 203
Decimal	13476811
CIE Lab	72.00, 22.26, -14.52
CIE LCh	72, 26.576, 326.878
Yxy	43.6590, 0.3168, 0.2809
Android (android.graphics.Color)	4291666891 (0xFFCDA3CB)
YUV	180.1180, 11.2808, 21.8215
Hunter-Lab	66.0750, 17.3857, -9.8610

Details

The CIELCh color $72, 26.576, 326.878$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 26.547, 144.415$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.170, 325.231$, and $52, 26.538, 326.525$ is the 20% darker color. If you saturate the color by 10%, you get $67, 39.500, 327.438$, and if you desaturate by 10%, it is $77, 13.537, 326.307$.

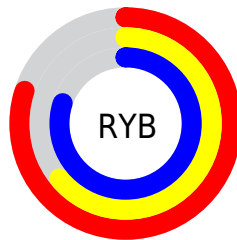
Distribution



Red (80%)

Green (64%)

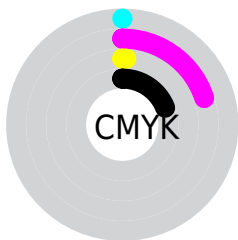
Blue (80%)



Red (80%)

Yellow (64%)

Blue (80%)

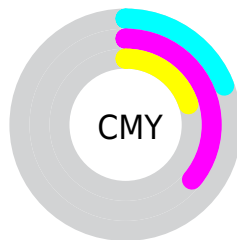


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.576, 326.878 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, 26.576, 326.878 by changing the saturation by 10% instead.


 72, 26.576,
326.878


 72, 26.576,
326.878


 100, 26.576,
326.878


 62, 26.576,
326.878


 92, 26.576,
326.878

 52, 26.576,
326.878

 42, 26.576,
326.878

 32, 26.576,
326.878

 22, 26.576,
326.878

 12, 26.576,
326.878

 2, 26.576, 326.878

0, 26.576, 326.878

72, 26.576,
326.878

72, 26.576,
326.878

67, 39.500,
327.438

77, 13.537,
326.307

63, 52.016,
327.978

82, 0.599, 325.312

59, 63.718,
328.488

88, 12.103,
145.248

55, 74.120,
328.953

93, 24.488,
144.710

52, 82.702,
329.363

96, 29.909,
144.766

50, 89.018,
329.713

96, 29.501,
145.328

■ 49, 92.839,
330.003

■ 96, 29.096,
145.904

■ 48, 94.529,
330.238

■ 96, 28.693,
146.496

■ 96, 28.293,
147.104

Harmonies

Complementary

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



72, 26.576, 326.878



79, 26.547, 144.415

Rectangle

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



72, 26.576, 326.878



72, 26.576, 16.878



72, 26.576, 146.878



72, 26.576, 196.878

Sweetspot

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



72, 26.574, 326.878



96, 9.234, 326.046



69, 23.161, 293.666



51, 6.127, 326.087



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, 26.574, 326.878



85, 38.712, 327.152



71, 19.085, 347.333



40, 7.298, 326.244



39, 80.664, 330.207



5, 27.952, 329.082

Inverse Universe

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



72, 26.574, 326.878



85, 38.712, 327.152



79, 18.523, 163.663



40, 7.298, 326.244



39, 80.664, 330.207



5, 27.952, 329.082

Previews

White Background



This preview shows how the CIELCh color 72, 26.576, 326.878 looks on a white background.

Color Contrast Check

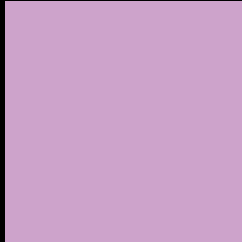
Large Text (above 18pt) WCAG AA × Fail

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, 26.576, 326.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

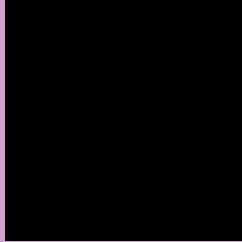
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 26.576, 326.878

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.576, 326.878.



This preview shows how white text looks on a background with the CIELCh color 72, 26.576, 326.878.

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, 15.036, 352.853

Trichromacy



Original Color
72, 26.576, 326.878

Protanomaly
72, 20.620, 302.820

Deuteranomaly
72, 19.592, 314.366

Tritanomaly
72, 18.276, 340.297

Monochromacy



Original Color
72, 26.576, 326.878

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.463, 326.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.576, 326.878 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, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 203)  
}
```

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, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.576, 326.878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

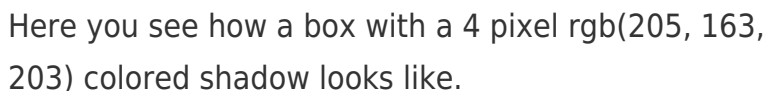
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 163, 203) }
```

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

```
.border{ border-color:rgb(205, 163, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 163, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 163, 203); box-shadow:4px 4px 4px 4px rgb(205, 163, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.576, 326.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 203) }
```

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

```
.background{ background-color: rgb(205,  
163, 203) }
```

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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