

Converting Colors

CIELCh(72, 27.105, 324.937)

Have a look what the booklet for
CIELCh(72, 27.105, 324.937)
contains.

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Color

CIELCh(72, 27.256, 324.884)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3CD
RGB	204, 163, 205
RGB Percent	80%, 64%, 80%
CMY	0.1984, 0.3592, 0.1945
CMYK	0.00, 0.20, 0.00, 0.19
HSL	299°, 30%, 72%
HSV	299°, 20%, 81%
XYZ	49.2524, 43.6590, 63.8495
YIQ	180.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

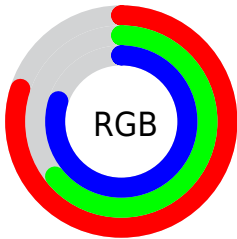
Format	Color
R _Y B	204, 163, 205
Decimal	13411277
CIE Lab	72.00, 22.30, -15.68
CIE LCh	72, 27.256, 324.884
Yxy	43.6590, 0.3142, 0.2785
Android (android.graphics.Color)	4291601357 (0xFFCCA3CD)
YUV	180.0470, 12.3018, 21.0068
Hunter-Lab	66.0750, 17.4229, -11.0406

Details

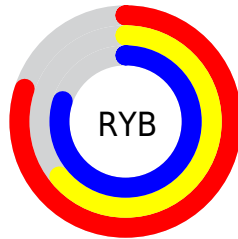
The CIELCh color $72, 27.256, 324.884$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 27.212, 142.544$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.170, 325.231$, and $52, 27.278, 324.417$ is the 20% darker color. If you saturate the color by 10%, you get $67, 40.534, 325.404$, and if you desaturate by 10%, it is $77, 13.874, 324.345$.

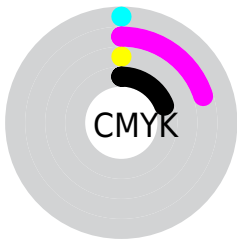
Distribution



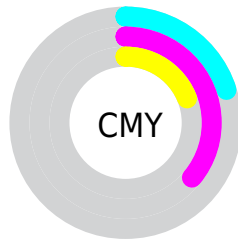
- Red (80%)
- Green (64%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (36%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 27.256, 324.884 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, 27.256, 324.884 by changing the saturation by 10% instead.

 72, 27.256,
324.884

 72, 27.256,
324.884

 100, 27.256,
324.884

 62, 27.256,
324.884

 92, 27.256,
324.884

 52, 27.256,
324.884

 42, 27.256,
324.884

 32, 27.256,
324.884

 22, 27.256,
324.884

 12, 27.256,
324.884

 2, 27.256, 324.884

0, 27.256, 324.884

72, 27.256,
324.884

72, 27.256,
324.884

67, 40.534,
325.404

77, 13.874,
324.345

63, 53.416,
325.895

82, 0.604, 323.408

59, 65.499,
326.339

88, 12.422,
143.337

55, 76.296,
326.717

93, 25.121,
142.825

52, 85.282,
327.011

96, 30.778,
142.466

50, 92.006,
327.204

96, 30.679,
142.217

■ 49, 96.229,
327.291

■ 96, 30.581,
141.966

■ 48, 98.291,
327.290

■ 96, 30.483,
141.713

■ 96, 30.386,
141.459

Harmonies

Complementary

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



72, 27.256, 324.884



79, 27.212, 142.544

Rectangle

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



72, 27.256, 324.884



72, 27.256, 14.884



72, 27.256, 144.884



72, 27.256, 194.884

Sweetspot

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



72, 27.254, 324.884



96, 9.467, 324.100



69, 22.342, 291.182



51, 6.282, 324.138



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, 27.254, 324.884



85, 39.713, 325.140



71, 19.906, 343.619



40, 7.483, 324.287



39, 83.799, 327.304



5, 28.809, 326.600

Inverse Universe

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



71, 16.513, 19.011



83, 24.492, 19.532



79, 19.479, 160.157



40, 4.369, 18.003



34, 74.582, 38.859



4, 17.919, 18.234

Previews

White Background



This preview shows how the CIELCh color 72, 27.256, 324.884 looks on a white background.

Color Contrast Check

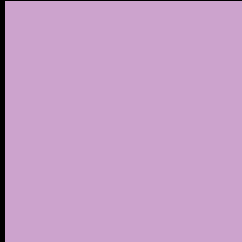
Large Text (above 18pt) WCAG AA × Fail

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, 27.256, 324.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

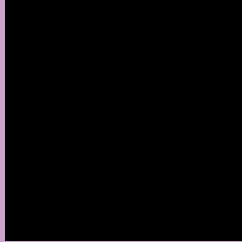
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.256, 324.884

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.256, 324.884.

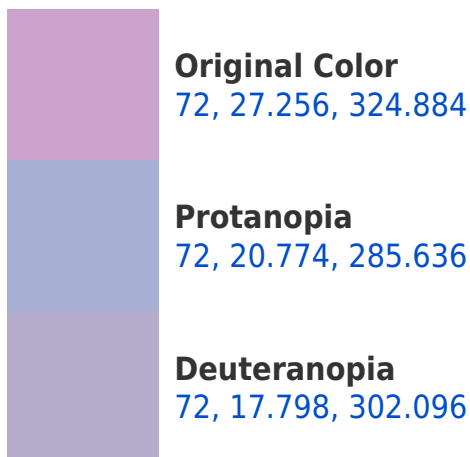


This preview shows how white text looks on a background with the CIELCh color 72, 27.256, 324.884.

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, 27.256, 324.884

Protanomaly
72, 21.629, 301.424

Deuteranomaly
72, 21.096, 312.678

Tritanomaly
72, 18.703, 336.935

Monochromacy



Original Color
72, 27.256, 324.884

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, 27.256, 324.884 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, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 205)  
}
```

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, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.256, 324.884 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, 163, 205) }
```

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

```
.border{ border-color:rgb(204, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.256, 324.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 205) }
```

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

```
.background{ background-color: rgb(204,  
163, 205) }
```

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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