

Converting Colors

CIELCh(72, 47.315, 324.579)

Have a look what the booklet for
CIELCh(72, 47.315, 324.579)
contains.

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Color

CIELCh(72, 47.277, 324.683)

Conversions

Conversions Part 1

Format	Color
Hex	DF98E3
RGB	223, 152, 227
RGB Percent	87%, 60%, 89%
CMY	0.1257, 0.4041, 0.1100
CMYK	0.02, 0.33, 0.00, 0.11
HSL	297°, 57%, 74%
HSV	297°, 33%, 89%
XYZ	55.4887, 43.6590, 78.1320
YIQ	181.7790, 18.2410, 38.3770

Conversions

Conversions Part 2

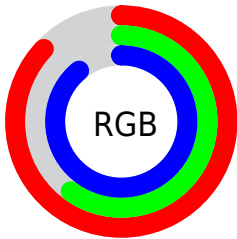
Format	Color
RYB	223, 152, 227
Decimal	14653667
CIELab	72.00, 38.58, -27.33
CIElCh	72, 47.277, 324.683
Yxy	43.6590, 0.3130, 0.2463
Android (android.graphics.Color)	4292843747 (0xFFDF98E3)
YUV	181.7790, 22.2940, 36.1508
Hunter-Lab	66.0750, 34.2701, -23.8565

Details

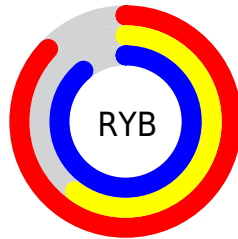
The CIELCh color $72, 47.277, 324.683$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 47.142, 140.813$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.096, 325.472$, and $52, 46.858, 324.954$ is the 20% darker color. If you saturate the color by 10%, you get $67, 61.017, 325.146$, and if you desaturate by 10%, it is $77, 33.032, 324.184$.

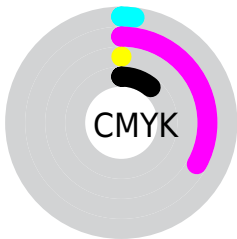
Distribution



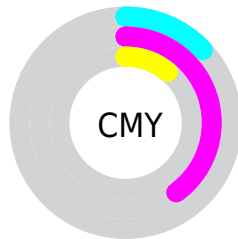
- Red (87%)
- Green (60%)
- Blue (89%)



- Red (87%)
- Yellow (60%)
- Blue (89%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 47.277, 324.683 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, 47.277, 324.683 by changing the saturation by 10% instead.


 72, 47.277,
324.683

 72, 47.277,
324.683


 100, 47.277,
324.683

 62, 47.277,
324.683


 92, 47.277,
324.683

 52, 47.277,
324.683

 42, 47.277,
324.683

 32, 47.277,
324.683

 22, 47.277,
324.683

 12, 47.277,
324.683

 2, 47.277, 324.683

■ 0, 47.277, 324.683

■ 72, 47.277,
324.683

■ 72, 47.277,
324.683

■ 67, 61.017,
325.146

■ 77, 33.032,
324.184

■ 63, 73.803,
325.554

■ 83, 18.636,
323.665

■ 59, 85.077,
325.882

■ 88, 4.325, 323.103

■ 56, 94.259,
326.108

■ 94, 9.744, 142.687

■ 54, 100.875,
326.214

■ 98, 17.107,
141.879

■ 52, 104.729,
326.191

■ 98, 16.872,
140.700

■ 98, 16.645,

■ 52, 106.127,
326.115

139.485

■ 98, 16.425,
138.233

■ 98, 16.213,
136.943

Harmonies

Complementary

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



72, 47.277, 324.683



84, 47.142, 140.813

Rectangle

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



72, 47.277, 324.683



72, 47.277, 14.683



72, 47.277, 144.683



72, 47.277, 194.683

Sweetspot

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



72, 47.275, 324.683



94, 15.675, 323.507



67, 38.715, 291.748



49, 10.703, 323.582



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, 47.275, 324.683



76, 62.536, 325.022



71, 35.780, 343.123



44, 8.021, 323.474



40, 87.739, 326.150



7, 35.885, 326.441

Inverse Universe

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



70, 30.173, 18.274



74, 41.033, 19.416



85, 34.794, 157.213



44, 4.733, 15.618



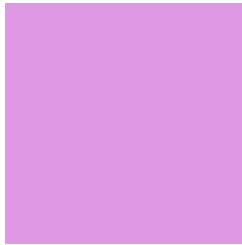
36, 76.867, 37.781



6, 25.422, 18.697

Previews

White Background



This preview shows how the CIELCh color 72, 47.277, 324.683 looks on a white background.

Color Contrast Check

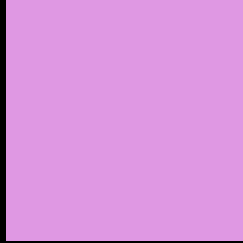
Large Text (above 18pt) WCAG AA × Fail

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, 47.277, 324.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

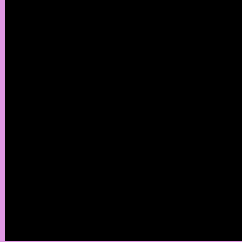
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 47.277, 324.683

Background



This preview shows how black text looks on a background with the CIELCh color 72, 47.277, 324.683.



This preview shows how white text looks on a background with the CIELCh color 72, 47.277, 324.683.

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, 21.933, 2.870

Trichromacy



Original Color
72, 47.277, 324.683



Protanomaly
72, 39.675, 300.346



Deuteranomaly
72, 33.359, 307.199



Tritanomaly
72, 29.743, 341.391

Monochromacy



Original Color
72, 47.277, 324.683



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 17.526, 324.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 47.277, 324.683 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(223, 152, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 152, 227)  
}
```

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(223, 152, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 152, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 47.277, 324.683 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(223, 152, 227) }
```

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

```
.border{ border-color:rgb(223, 152, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 152, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 152, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 152, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 152,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 47.277, 324.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 152, 227) }
```

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

```
.background{ background-color: rgb(223,  
152, 227) }
```

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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