

Converting Colors

CIELCh(72, 42.119, 325.392)

Have a look what the booklet for
CIELCh(72, 42.119, 325.392)
contains.

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Color

CIELCh(72, 42.120, 325.192)

Conversions

Conversions Part 1

Format	Color
Hex	DB9BDD
RGB	219, 155, 221
RGB Percent	86%, 61%, 87%
CMY	0.1417, 0.3926, 0.1338
CMYK	0.01, 0.30, 0.00, 0.13
HSL	298°, 49%, 74%
HSV	298°, 30%, 87%
XYZ	53.9132, 43.6590, 73.9069
YIQ	181.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

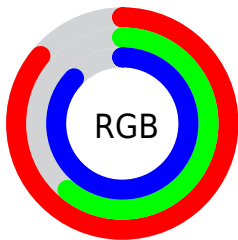
Format	Color
R _{YB}	219, 155, 221
Decimal	14392285
CIE _{Lab}	72.00, 34.58, -24.04
CIE _{LCh}	72, 42.120, 325.192
Y _{xy}	43.6590, 0.3144, 0.2546
Android (android.graphics.Color)	4292582365 (0xFFDB9BDD)
Y _{UV}	181.6600, 19.3946, 32.7472
Hunter-Lab	66.0750, 30.0140, -20.0652

Details

The CIELCh color `72, 42.120, 325.192` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `82, 42.054, 141.634`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 28.208, 325.407`, and `52, 42.038, 325.048` is the 20% darker color. If you saturate the color by 10%, you get `67, 55.797, 325.682`, and if you desaturate by 10%, it is `77, 28.039, 324.673`.

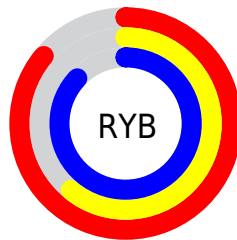
Distribution



Red (86%)

Green (61%)

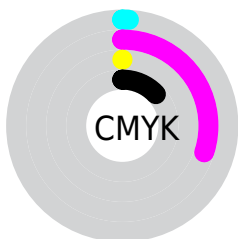
Blue (87%)



Red (86%)

Yellow (61%)

Blue (87%)

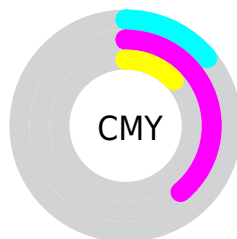


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (39%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 42.120, 325.192 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, 42.120, 325.192 by changing the saturation by 10% instead.

 72, 42.120,
325.192


 72, 42.120,
325.192


 100, 42.120,
325.192


 62, 42.120,
325.192


 92, 42.120,
325.192

 52, 42.120,
325.192

 42, 42.120,
325.192

 32, 42.120,
325.192

 22, 42.120,
325.192

 12, 42.120,
325.192

 2, 42.120, 325.192

0, 42.120, 325.192

72, 42.120,
325.192

72, 42.120,
325.192

67, 55.797,
325.682

77, 28.039,
324.673

63, 68.657,
326.126

83, 13.873,
324.135

59, 80.177,
326.502

88, 0.163, 145.284

56, 89.797,
326.791

94, 13.932,
143.131

54, 97.022,
326.976

97, 21.059,
142.619

52, 101.581,
327.049

97, 20.925,
142.104

■ 51, 103.810,
327.025

■ 97, 20.792,
141.581

■ 51, 103.833,
327.025

■ 97, 20.661,
141.051

■ 97, 20.532,
140.513

Harmonies

Complementary

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



72, 42.120, 325.192



82, 42.054, 141.634

Rectangle

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



72, 42.120, 325.192



72, 42.120, 15.192



72, 42.120, 145.192



72, 42.120, 195.192

Sweetspot

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



72, 42.118, 325.192



94, 14.198, 324.090



67, 35.299, 292.583



49, 9.875, 324.171



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, 42.118, 325.192



79, 56.802, 325.511



71, 30.988, 344.574



43, 7.926, 324.110



40, 86.671, 327.044



7, 34.454, 327.136

Inverse Universe

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



70, 26.468, 19.592



76, 36.618, 20.491



83, 30.043, 159.177



43, 4.639, 17.476



36, 76.932, 38.682



5, 23.794, 18.963

Previews

White Background



This preview shows how the CIELCh color 72, 42.120, 325.192 looks on a white background.

Color Contrast Check

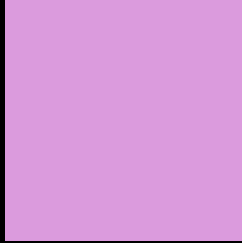
Large Text (above 18pt) WCAG AA × Fail

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, 42.120, 325.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

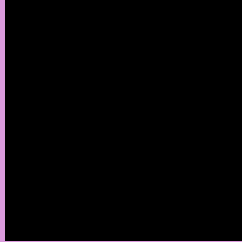
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 42.120, 325.192

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.120, 325.192.

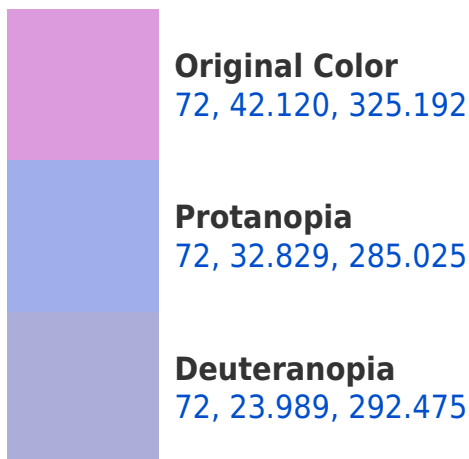


This preview shows how white text looks on a background with the CIELCh color 72, 42.120, 325.192.

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, 19.901, 2.303

Trichromacy



Original Color
72, 42.120, 325.192



Protanomaly
72, 34.201, 300.526



Deuteranomaly
72, 29.686, 308.906



Tritanomaly
72, 26.123, 341.944

Monochromacy



Original Color
72, 42.120, 325.192



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 15.575, 323.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.120, 325.192 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(219, 155, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 155, 221)  
}
```

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(219, 155, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 155, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.120, 325.192 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(219, 155, 221) }
```

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

```
.border{ border-color:rgb(219, 155, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 155, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 155, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 155, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 155,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.120, 325.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 155, 221) }
```

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

```
.background{ background-color: rgb(219,  
155, 221) }
```

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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