

Converting Colors

CIELCh(72, 43.798, 330.836)

Have a look what the booklet for
CIELCh(72, 43.798, 330.836)
contains.

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Color

CIELCh(72, 43.386, 330.756)

Conversions

Conversions Part 1

Format	Color
Hex	E398D8
RGB	227, 152, 216
RGB Percent	89%, 60%, 85%
CMY	0.1105, 0.4045, 0.1536
CMYK	0.00, 0.33, 0.05, 0.11
HSL	309°, 57%, 74%
HSV	309°, 33%, 89%
XYZ	55.2023, 43.6590, 70.3723
YIQ	181.7210, 24.1560, 35.8040

Conversions

Conversions Part 2

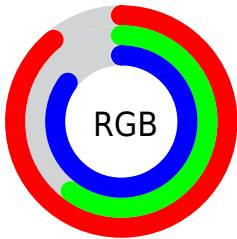
Format	Color
RYB	227, 152, 216
Decimal	14915800
CIELab	72.00, 37.86, -21.20
CIELCh	72, 43.386, 330.756
Yxy	43.6590, 0.3262, 0.2580
Android (android.graphics.Color)	4293105880 (0xFFE398D8)
YUV	181.7210, 16.8995, 39.7097
Hunter-Lab	66.0750, 33.4965, -16.8936

Details

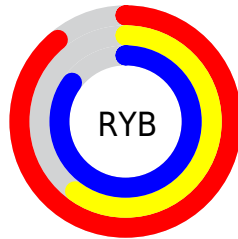
The CIELCh color $72, 43.386, 330.756$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 43.306, 146.216$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.096, 325.472$, and $52, 42.973, 330.593$ is the 20% darker color. If you saturate the color by 10%, you get $67, 55.915, 331.392$, and if you desaturate by 10%, it is $77, 30.341, 330.125$.

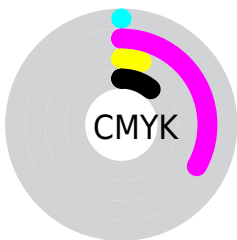
Distribution



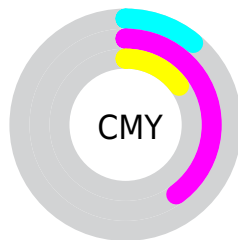
- Red (89%)
- Green (60%)
- Blue (85%)



- Red (89%)
- Yellow (60%)
- Blue (85%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.386, 330.756 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, 43.386, 330.756 by changing the saturation by 10% instead.


 72, 43.386,
330.756


 72, 43.386,
330.756


 100, 43.386,
330.756


 62, 43.386,
330.756


 92, 43.386,
330.756

 52, 43.386,
330.756

 42, 43.386,
330.756

 32, 43.386,
330.756

 22, 43.386,
330.756

 12, 43.386,
330.756

 2, 43.386, 330.756

■ 0, 43.386, 330.756

■ 72, 43.386,
330.756

■ 72, 43.386,
330.756

■ 67, 55.915,
331.392

■ 77, 30.341,
330.125

■ 63, 67.482,
332.028

■ 83, 17.131,
329.499

■ 59, 77.534,
332.664

■ 88, 3.988, 328.835

■ 56, 85.496,
333.306

■ 94, 8.934, 148.370

■ 54, 90.906,
333.967

■ 98, 15.279,
149.821

■ 53, 93.580,
334.669

■ 98, 14.008,
154.255

■ 98, 12.830,

■ 52, 94.177,
335.187

159.516

■ 98, 11.774,
165.758

■ 98, 10.876,
173.107

Harmonies

Complementary

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



72, 43.386, 330.756



84, 43.306, 146.216

Rectangle

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



72, 43.386, 330.756



72, 43.386, 20.756



72, 43.386, 150.756



72, 43.386, 200.756

Sweetspot

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



72, 43.383, 330.756



94, 14.402, 329.311



66, 41.788, 298.641



49, 9.834, 329.400



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, 43.383, 330.756



76, 57.339, 331.214



71, 32.036, 355.130



44, 7.369, 329.272



40, 78.040, 335.053



7, 32.536, 333.775

Inverse Universe

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



72, 43.383, 330.756



76, 57.339, 331.214



85, 29.699, 168.190



44, 7.369, 329.272



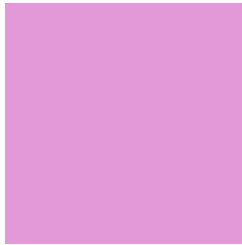
40, 78.040, 335.053



7, 32.536, 333.775

Previews

White Background



This preview shows how the CIELCh color 72, 43.386, 330.756 looks on a white background.

Color Contrast Check

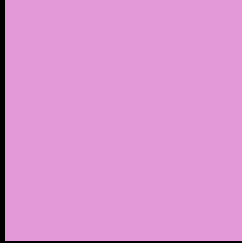
Large Text (above 18pt) WCAG AA × Fail

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, 43.386, 330.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

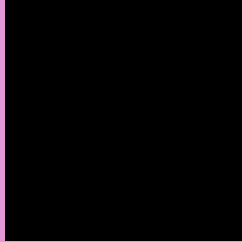
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 43.386, 330.756

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.386, 330.756.

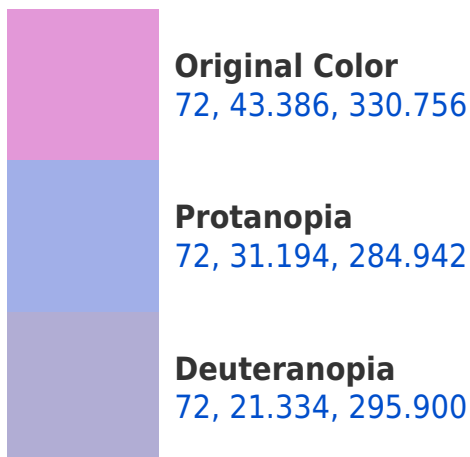


This preview shows how white text looks on a background with the CIELCh color 72, 43.386, 330.756.

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, 24.611, 5.277

Trichromacy



Original Color
72, 43.386, 330.756



Protanomaly
72, 32.882, 303.716



Deuteranomaly
72, 28.328, 314.277

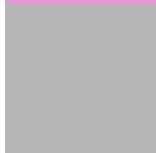


Tritanomaly
72, 30.039, 347.280

Monochromacy



Original Color
72, 43.386, 330.756



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 16.007, 329.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.386, 330.756 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(227, 152, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 152, 216)  
}
```

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(227, 152, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 152, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.386, 330.756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

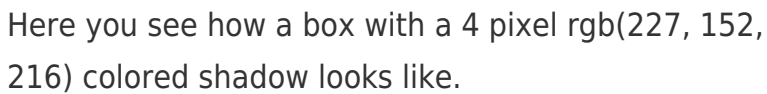
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 152, 216) }
```

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

```
.border{ border-color:rgb(227, 152, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 152, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 152, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 152, 216); box-shadow:4px 4px 4px 4px rgb(227, 152, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.386, 330.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 152, 216) }
```

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

```
.background{ background-color: rgb(227,  
152, 216) }
```

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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