

Converting Colors

CIELCh(73, 45.071, 330.924)

Have a look what the booklet for
CIELCh(73, 45.071, 330.924)
contains.

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Color

CIELCh(73, 45.319, 331.004)

Conversions

Conversions Part 1

Format	Color
Hex	E899DC
RGB	232, 153, 220
RGB Percent	91%, 60%, 86%
CMY	0.0898, 0.3996, 0.1368
CMYK	0.00, 0.34, 0.05, 0.09
HSL	309°, 63%, 76%
HSV	309°, 34%, 91%
XYZ	57.6564, 45.1644, 73.4653
YIQ	184.2590, 25.5770, 37.5850

Conversions

Conversions Part 2

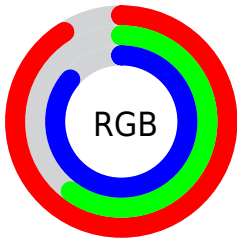
Format	Color
R_{YB}	232, 153, 220
Decimal	15243740
CIE _{Lab}	73.00, 39.64, -21.97
CIE _{LCh}	73, 45.319, 331.004
Yxy	45.1644, 0.3271, 0.2562
Android (android.graphics.Color)	4293433820 (0xFFE899DC)
YUV	184.2590, 17.6203, 41.8689
Hunter-Lab	67.2044, 35.5318, -17.7704

Details

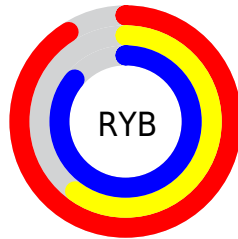
The CIELCh color `73, 45.319, 331.004` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `86, 45.235, 146.279`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 29.467, 325.450`, and `53, 45.541, 330.865` is the 20% darker color. If you saturate the color by 10%, you get `68, 57.963, 331.647`, and if you desaturate by 10%, it is `78, 32.110, 330.367`.

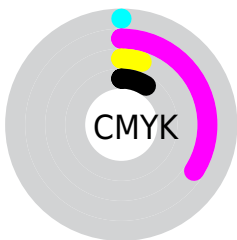
Distribution



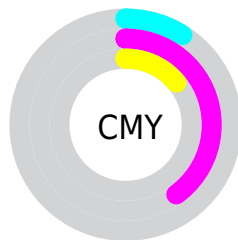
- Red (91%)
- Green (60%)
- Blue (86%)



- Red (91%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 45.319, 331.004 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 73, 45.319, 331.004 by changing the saturation by 10% instead.


 73, 45.319,
331.004


 73, 45.319,
331.004


 100, 45.319,
331.004


 63, 45.319,
331.004


 93, 45.319,
331.004

 53, 45.319,
331.004

 43, 45.319,
331.004

 33, 45.319,
331.004

 23, 45.319,
331.004

 13, 45.319,
331.004

 3, 45.319, 331.004

■ 0, 45.319, 331.004

■ 73, 45.319,
331.004

■ 73, 45.319,
331.004

■ 68, 57.963,
331.647

■ 78, 32.110,
330.367

■ 64, 69.574,
332.293

■ 84, 18.703,
329.736

■ 60, 79.581,
332.942

■ 90, 5.347, 329.085

■ 57, 87.402,
333.602

■ 96, 7.796, 148.602

■ 55, 92.583,
334.288

■ 98, 11.992,
151.612

■ 54, 94.979,
335.025

■ 98, 10.702,
157.982

■ 98, 9.570, 165.942

■ 53, 95.418,
335.492

■ 98, 8.661, 175.765

■ 98, 8.051, 187.443

Harmonies

Complementary

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



73, 45.319, 331.004



86, 45.235, 146.279

Rectangle

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



73, 45.319, 331.004



73, 45.319, 21.004



73, 45.319, 151.004



73, 45.319, 201.004

Sweetspot

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



73, 45.316, 331.004



94, 14.348, 329.485



67, 43.957, 299.304



49, 9.797, 329.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 45.316, 331.004



76, 58.487, 331.465



72, 33.390, 356.403



46, 7.615, 329.448



41, 79.371, 335.357



9, 34.575, 334.164

Inverse Universe

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



73, 45.316, 331.004



76, 58.487, 331.465



86, 30.708, 169.142



46, 7.615, 329.448



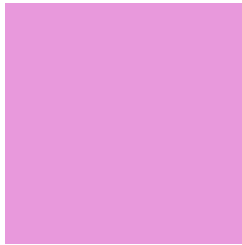
41, 79.371, 335.357



9, 34.575, 334.164

Previews

White Background



This preview shows how the CIELCh color 73, 45.319, 331.004 looks on a white background.

Color Contrast Check

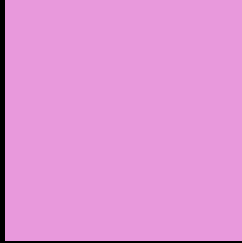
Large Text (above 18pt) WCAG AA × Fail

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 73, 45.319, 331.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

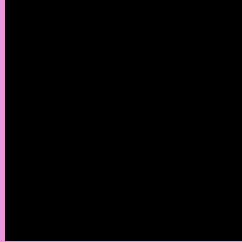
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 45.319, 331.004

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.319, 331.004.



This preview shows how white text looks on a background with the CIELCh color 73, 45.319, 331.004.

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



Original Color
73, 45.319, 331.004

Protanopia
73, 33.263, 285.701

Deuteranopia
73, 21.786, 294.926



Tritanopia
73, 25.608, 7.311

Trichromacy



Original Color
73, 45.319, 331.004



Protanomaly
73, 35.084, 304.230



Deuteranomaly
73, 28.742, 313.864



Tritanomaly
73, 30.904, 348.605

Monochromacy



Original Color
73, 45.319, 331.004



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 16.617, 329.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.319, 331.004 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(232, 153, 220)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 220)  
}
```

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(232, 153, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.319, 331.004 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(232, 153, 220) }
```

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

```
.border{ border-color:rgb(232, 153, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 153, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 153, 220); box-shadow:4px 4px 4px 4px rgb(232, 153, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.319, 331.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 220) }
```

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

```
.background{ background-color: rgb(232,  
153, 220) }
```

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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