

Converting Colors

CIELCh(73, 46.822, 323.783)

Have a look what the booklet for
CIELCh(73, 46.822, 323.783)
contains.

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Color

CIELCh(73, 46.861, 323.879)

Conversions

Conversions Part 1

Format	Color
Hex	E09BE6
RGB	224, 155, 230
RGB Percent	88%, 61%, 90%
CMY	0.1204, 0.3910, 0.0968
CMYK	0.03, 0.33, 0.00, 0.10
HSL	295°, 60%, 76%
HSV	295°, 33%, 90%
XYZ	56.9299, 45.1644, 80.8030
YIQ	184.1810, 17.0490, 37.9530

Conversions

Conversions Part 2

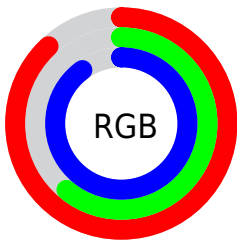
Format	Color
R_{YB}	224, 155, 230
Decimal	14719974
CIE _{Lab}	73.00, 37.85, -27.62
CIE _{LCh}	73, 46.861, 323.879
Yxy	45.1644, 0.3113, 0.2469
Android (android.graphics.Color)	4292910054 (0xFFE09BE6)
YUV	184.1810, 22.5888, 34.9213
Hunter-Lab	67.2044, 33.6021, -24.2440

Details

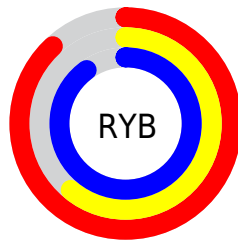
The CIELCh color $73, 46.861, 323.879$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 46.638, 140.202$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.208, 325.407$, and $53, 47.096, 324.144$ is the 20% darker color. If you saturate the color by 10%, you get $68, 60.771, 324.330$, and if you desaturate by 10%, it is $78, 32.500, 323.393$.

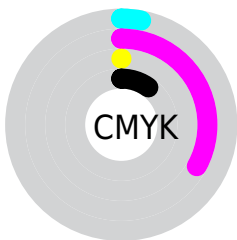
Distribution



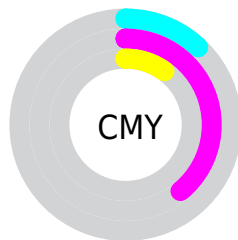
- Red (88%)
- Green (61%)
- Blue (90%)



- Red (88%)
- Yellow (61%)
- Blue (90%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)





- Cyan (12%)
- Magenta (39%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 46.861, 323.879 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, 46.861, 323.879 by changing the saturation by 10% instead.


 73, 46.861,
323.879


 73, 46.861,
323.879


 100, 46.861,
323.879


 63, 46.861,
323.879


 93, 46.861,
323.879

 53, 46.861,
323.879

 43, 46.861,
323.879

 33, 46.861,
323.879

 23, 46.861,
323.879

 13, 46.861,
323.879

 3, 46.861, 323.879

0, 46.861, 323.879

73, 46.861,
323.879

73, 46.861,
323.879

68, 60.771,
324.330

78, 32.500,
323.393

63, 73.789,
324.723

84, 18.026,
322.888

59, 85.357,
325.033

90, 3.665, 322.331

56, 94.873,
325.232

96, 10.438,
141.940

54, 101.822,
325.298

98, 14.775,
140.394

52, 105.953,
325.216

98, 14.438,
138.244

■ 52, 107.535,
325.075

■ 98, 14.121,
135.985

■ 98, 13.828,
133.616

■ 98, 13.559,
131.138

Harmonies

Complementary

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



73, 46.861, 323.879



85, 46.638, 140.202

Rectangle

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



73, 46.861, 323.879



73, 46.861, 13.879



73, 46.861, 143.879



73, 46.861, 193.879

Sweetspot

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



73, 46.859, 323.879



94, 15.549, 322.758



68, 37.861, 290.955



49, 10.618, 322.831



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, 46.859, 323.879



76, 60.680, 324.184



73, 36.073, 342.208



45, 8.105, 322.727



40, 88.861, 325.126



8, 37.222, 325.587

Inverse Universe

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



72, 29.997, 16.173



75, 39.752, 17.233



86, 35.181, 156.490



45, 4.835, 13.478



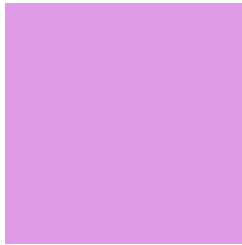
37, 76.665, 36.708



6, 26.867, 18.453

Previews

White Background



This preview shows how the CIELCh color 73, 46.861, 323.879 looks on a white background.

Color Contrast Check

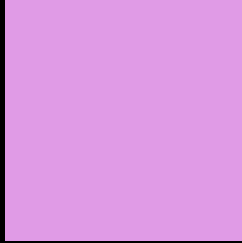
Large Text (above 18pt) WCAG AA × Fail

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, 46.861, 323.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

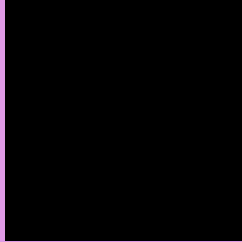
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 46.861, 323.879

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.861, 323.879.



This preview shows how white text looks on a background with the CIELCh color 73, 46.861, 323.879.

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, 46.861, 323.879

Protanopia
73, 38.176, 285.490

Deuteranopia
73, 27.162, 290.658



Tritanopia
73, 20.598, 3.076

Trichromacy



Original Color
73, 46.861, 323.879



Protanomaly
73, 39.554, 300.309



Deuteranomaly
73, 33.780, 306.969



Tritanomaly
73, 28.497, 340.594

Monochromacy



Original Color
73, 46.861, 323.879



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 17.283, 323.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.861, 323.879 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(224, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 155, 230)  
}
```

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(224, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 155, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.861, 323.879 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(224, 155, 230) }
```

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

```
.border{ border-color:rgb(224, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 155,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.861, 323.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 155, 230) }
```

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

```
.background{ background-color: rgb(224,  
155, 230) }
```

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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