

Converting Colors

CIELCh(74, 49.312, 326.247)

Have a look what the booklet for
CIELCh(74, 49.312, 326.247)
contains.

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Color

CIELCh(74, 49.570, 326.255)

Conversions

Conversions Part 1

Format	Color
Hex	E99BE9
RGB	233, 155, 233
RGB Percent	91%, 61%, 91%
CMY	0.0859, 0.3918, 0.0859
CMYK	0.00, 0.33, 0.00, 0.09
HSL	300°, 64%, 76%
HSV	300°, 33%, 91%
XYZ	60.0972, 46.7039, 83.0130
YIQ	187.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

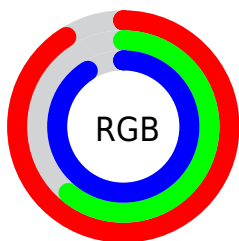
Format	Color
RYB	233, 155, 233
Decimal	15309801
CIELab	74.00, 41.22, -27.54
CIELCh	74, 49.570, 326.255
Yxy	46.7039, 0.3166, 0.2461
Android (android.graphics.Color)	4293499881 (0xFFE99BE9)
YUV	187.2140, 22.5725, 40.1543
Hunter-Lab	68.3403, 37.3740, -24.1814

Details

The CIELCh color $74, 49.570, 326.255$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $86, 49.603, 142.017$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.578, 325.385$, and $54, 49.587, 326.272$ is the 20% darker color. If you saturate the color by 10%, you get $69, 63.627, 326.753$, and if you desaturate by 10%, it is $79, 34.890, 325.723$.

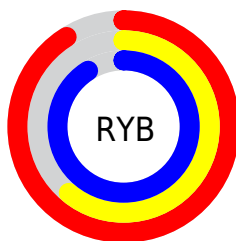
Distribution



Red (91%)

Green (61%)

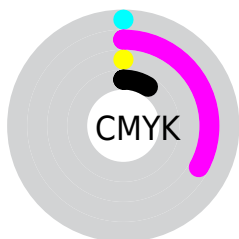
Blue (91%)



Red (91%)

Yellow (61%)

Blue (91%)

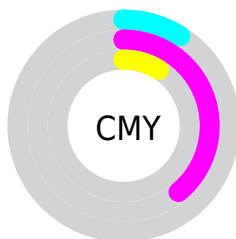


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (39%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 49.570, 326.255 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 74, 49.570, 326.255 by changing the saturation by 10% instead.


 74, 49.570,
326.255

 74, 49.570,
326.255


 100, 49.570,
326.255


 64, 49.570,
326.255


 94, 49.570,
326.255

 54, 49.570,
326.255

 44, 49.570,
326.255

 34, 49.570,
326.255

 24, 49.570,
326.255

 14, 49.570,
326.255

 4, 49.570, 326.255

74, 49.570,
326.255

74, 49.570,
326.255

69, 63.627,
326.753

79, 34.890,
325.723

65, 76.575,
327.201

85, 19.980,
325.170

61, 87.839,
327.580

90, 5.113, 324.577

59, 96.855,
327.877

96, 9.526, 144.120

57, 103.206,
328.082

98, 13.648,
143.959

56, 106.784,
328.196

98, 13.648,
143.961

98, 13.647,

■ 55, 107.975,
328.234

143.962

■ 98, 13.647,
143.963

■ 98, 13.647,
143.964

Harmonies

Complementary

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



74, 49.570, 326.255



86, 49.603, 142.017

Rectangle

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



74, 49.570, 326.255



74, 49.570, 16.255



74, 49.570, 146.255



74, 49.570, 196.255

Sweetspot

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



74, 49.567, 326.255



94, 15.934, 324.977



67, 43.164, 294.456



49, 10.879, 325.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 49.567, 326.255



77, 63.284, 326.595



73, 35.555, 346.858



46, 8.457, 324.943



43, 89.361, 328.234



9, 38.266, 328.234

Inverse Universe

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



74, 49.567, 326.255



77, 63.284, 326.595



87, 34.127, 160.455



46, 8.457, 324.943



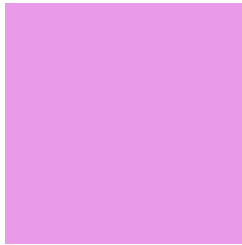
43, 89.361, 328.234



9, 38.266, 328.234

Previews

White Background



This preview shows how the CIELCh color 74, 49.570, 326.255 looks on a white background.

Color Contrast Check

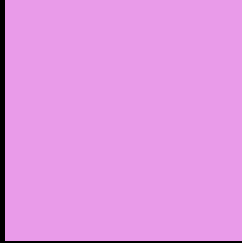
Large Text (above 18pt) WCAG AA × Fail

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 74, 49.570, 326.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

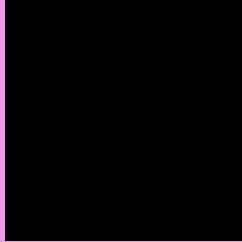
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 49.570, 326.255

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.570, 326.255.



This preview shows how white text looks on a background with the CIELCh color 74, 49.570, 326.255.

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

74, 49.570, 326.255

Protanopia

74, 39.155, 285.351

Deuteranopia

74, 27.080, 290.616



Tritanopia
74, 24.076, 4.871

Trichromacy



Original Color
74, 49.570, 326.255



Protanomaly
74, 40.612, 301.073



Deuteranomaly
74, 33.957, 308.647

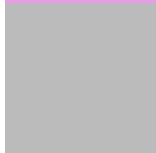


Tritanomaly
74, 31.619, 343.497

Monochromacy



Original Color
74, 49.570, 326.255



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 18.936, 325.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.570, 326.255 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(233, 155, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 155, 233)  
}
```

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(233, 155, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 155, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.570, 326.255 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(233, 155, 233) }
```

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

```
.border{ border-color:rgb(233, 155, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 155, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 155, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 155, 233); box-shadow:4px 4px 4px 4px rgb(233, 155, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.570, 326.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 155, 233) }
```

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

```
.background{ background-color: rgb(233,  
155, 233) }
```

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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