

Converting Colors

CIELCh(74, 47.089, 326.541)

Have a look what the booklet for
CIELCh(74, 47.089, 326.541)
contains.

CIELCh(74, 46.728, 326.554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 46.728, 326.554)

Conversions

Conversions Part 1

Format	Color
Hex	E79DE6
RGB	231, 157, 230
RGB Percent	91%, 62%, 90%
CMY	0.0949, 0.3851, 0.0988
CMYK	0.00, 0.32, 0.00, 0.09
HSL	301°, 60%, 76%
HSV	301°, 32%, 91%
XYZ	59.1659, 46.7039, 80.6078
YIQ	187.4480, 20.6710, 38.3910

Conversions

Conversions Part 2

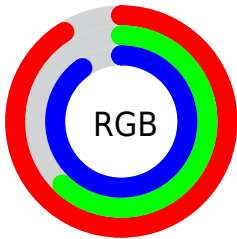
Format	Color
R_{YB}	231, 157, 230
Decimal	15179238
CIE _{Lab}	74.00, 38.99, -25.75
CIE _{LCh}	74, 46.728, 326.554
Yxy	46.7039, 0.3173, 0.2505
Android (android.graphics.Color)	4293369318 (0xFFE79DE6)
YUV	187.4480, 20.9781, 38.1951
Hunter-Lab	68.3403, 34.9416, -22.0948

Details

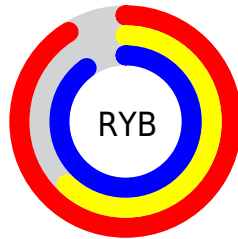
The CIELCh color $74, 46.728, 326.554$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 46.747, 142.499$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.319, 325.341$, and $54, 46.701, 326.558$ is the 20% darker color. If you saturate the color by 10%, you get $69, 60.665, 327.067$, and if you desaturate by 10%, it is $79, 32.241, 326.012$.

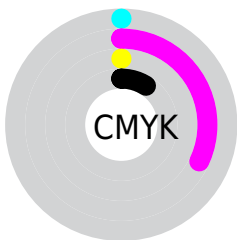
Distribution



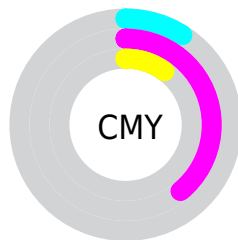
- Red (91%)
- Green (62%)
- Blue (90%)



- Red (91%)
- Yellow (62%)
- Blue (90%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 46.728, 326.554 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, 46.728, 326.554 by changing the saturation by 10% instead.


 74, 46.728,
326.554

 74, 46.728,
326.554


 100, 46.728,
326.554


 64, 46.728,
326.554


 94, 46.728,
326.554

 54, 46.728,
326.554

 44, 46.728,
326.554

 34, 46.728,
326.554

 24, 46.728,
326.554

 14, 46.728,
326.554

 4, 46.728, 326.554

0, 46.728, 326.554

74, 46.728,
326.554

74, 46.728,
326.554

69, 60.665,
327.067

79, 32.241,
326.012

65, 73.586,
327.536

85, 17.575,
325.452

61, 84.931,
327.944

90, 2.984, 324.818

58, 94.130,
328.278

96, 11.364,
144.397

56, 100.734,
328.528

98, 14.864,
144.513

55, 104.576,
328.696

98, 14.734,
144.865

■ 55, 106.030,
328.783

■ 98, 14.604,
145.222

■ 98, 14.474,
145.586

■ 98, 14.345,
145.957

Harmonies

Complementary

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



74, 46.728, 326.554



85, 46.747, 142.499

Rectangle

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



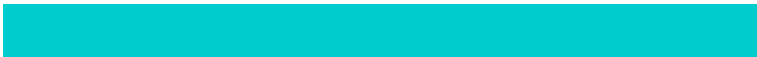
74, 46.728, 326.554



74, 46.728, 16.554



74, 46.728, 146.554



74, 46.728, 196.554

Sweetspot

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



74, 46.725, 326.554



94, 15.790, 325.338



67, 40.890, 294.223



49, 10.780, 325.418



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, 46.725, 326.554



78, 59.733, 326.874



73, 33.780, 346.692



45, 8.231, 325.303



42, 87.502, 328.773



8, 36.779, 328.689

Inverse Universe

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



74, 46.725, 326.554



78, 59.733, 326.874



86, 32.473, 160.618



45, 8.231, 325.303



42, 87.502, 328.773



8, 36.779, 328.689

Previews

White Background



This preview shows how the CIELCh color 74, 46.728, 326.554 looks on a white background.

Color Contrast Check

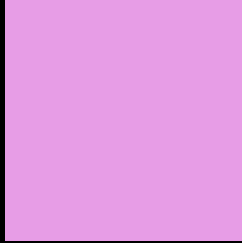
Large Text (above 18pt) WCAG AA × Fail

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, 46.728, 326.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

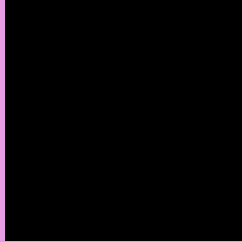
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 46.728, 326.554

Background



This preview shows how black text looks on a background with the CIELCh color 74, 46.728, 326.554.



This preview shows how white text looks on a background with the CIELCh color 74, 46.728, 326.554.

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

74, 22.929, 3.872

Trichromacy



Original Color
74, 46.728, 326.554



Protanomaly
74, 37.916, 301.446



Deuteranomaly
74, 31.779, 309.048



Tritanomaly
74, 29.859, 343.180

Monochromacy



Original Color
74, 46.728, 326.554



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 17.640, 325.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 46.728, 326.554 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(231, 157, 230)` looks like.

```
.text, #text, p{  
    color:rgb(231, 157, 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(231, 157, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 157, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 46.728, 326.554 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(231, 157, 230) }
```

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

```
.border{ border-color:rgb(231, 157, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 157, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 157, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 157, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 157,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 46.728, 326.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 157, 230) }
```

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

```
.background{ background-color: rgb(231,  
157, 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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