

Converting Colors

CIELCh(74, 44.725, 297.964)

Have a look what the booklet for
CIELCh(74, 44.725, 297.964)
contains.

CIELCh(74, 44.660, 298.201)	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, 44.660, 298.201)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACFE
RGB	182, 172, 254
RGB Percent	71%, 67%, 100%
CMY	0.2856, 0.3248, 0.0032
CMYK	0.28, 0.32, 0.00, 0.00
HSL	247°, 98%, 84%
HSV	247°, 32%, 100%
XYZ	52.0370, 46.7039, 100.1929
YIQ	184.3380, -20.3620, 27.6220

Conversions

Conversions Part 2

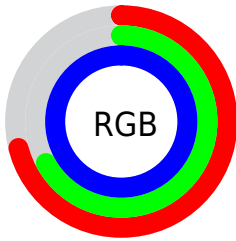
Format	Color
R _Y B	182, 172, 254
Decimal	11971838
CIE Lab	74.00, 21.10, -39.36
CIE LCh	74, 44.660, 298.201
Yxy	46.7039, 0.2616, 0.2348
Android (android.graphics.Color)	4290161918 (0xFFB6ACFE)
YUV	184.3380, 34.3434, -2.0504
Hunter-Lab	68.3403, 16.3215, -39.0862

Details

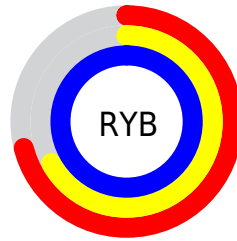
The CIELCh color `74, 44.660, 298.201` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 41.306, 112.412`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 15.144, 307.072`, and `54, 44.515, 298.070` is the 20% darker color. If you saturate the color by 10%, you get `66, 59.687, 299.544`, and if you desaturate by 10%, it is `82, 30.194, 297.027`.

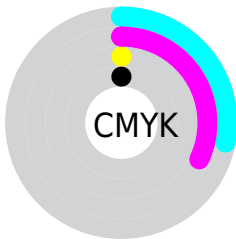
Distribution



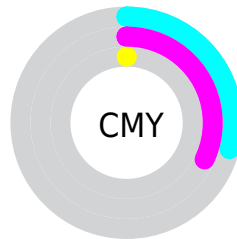
- Red (71%)
- Green (67%)
- Blue (100%)



- Red (71%)
- Yellow (67%)
- Blue (100%)



- Cyan (28%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.660, 298.201 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, 44.660, 298.201 by changing the saturation by 10% instead.

 74, 44.660,
298.201

 74, 44.660,
298.201

 100, 44.660,
298.201

 64, 44.660,
298.201


 94, 44.660,
298.201

 54, 44.660,
298.201

 44, 44.660,
298.201

 34, 44.660,
298.201

 24, 44.660,
298.201

 14, 44.660,
298.201

 4, 44.660, 298.201

■ 0, 44.660, 298.201

■ 74, 44.660,
298.201

■ 74, 44.660,
298.201

■ 66, 59.687,
299.544

■ 82, 30.194,
297.027

■ 58, 75.183,
301.045

■ 90, 16.302,
296.015

■ 51, 90.854,
302.650

■ 98, 2.960, 295.154

■ 44, 105.997,
304.232

■ 100, 0.402,
109.955

■ 39, 119.251,
305.574

■ 35, 128.660,
306.395

■ 33,132.735,
306.638

Harmonies

Complementary

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



74, 44.660, 298.201



97, 41.306, 112.412

Rectangle

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



74, 44.660, 298.201



74, 44.660, 348.201



74, 44.660, 118.201



74, 44.660, 168.201

Sweetspot

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



74, 44.658, 298.201



92, 13.268, 295.807



92, 23.235, 210.417



48, 9.077, 295.936



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, 44.658, 298.201



69, 54.865, 299.088



78, 47.136, 314.467



49, 7.536, 295.763



24, 107.043, 306.713



4, 44.405, 304.122

Inverse Universe

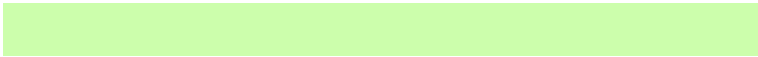
The Inverse Universe completely reimagines the original color for something new.



80, 47.246, 329.887



77, 56.919, 330.300



95, 45.599, 131.533



50, 8.328, 328.487



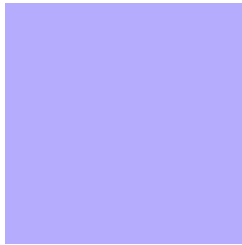
44, 84.575, 333.788



12, 39.357, 333.039

Previews

White Background



This preview shows how the CIELCh color 74, 44.660, 298.201 looks on a white background.

Color Contrast Check

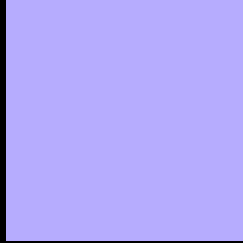
Large Text (above 18pt) WCAG AA × Fail

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, 44.660, 298.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

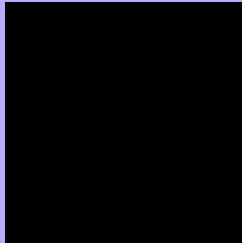
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.660, 298.201

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.660, 298.201.



This preview shows how white text looks on a background with the CIELCh color 74, 44.660, 298.201.

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, 44.660, 298.201

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 39.788, 284.306



Tritanopia
74, 9.071, 263.095

Trichromacy



Original Color
74, 44.660, 298.201

Protanomaly
74, 42.247, 289.964

Deuteranomaly
74, 41.179, 289.744

Tritanomaly
74, 21.160, 288.513

Monochromacy



Original Color
74, 44.660, 298.201

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.334, 296.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.660, 298.201 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(182, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 254)  
}
```

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(182, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.660, 298.201 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(182, 172, 254) }
```

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

```
.border{ border-color:rgb(182, 172, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.660, 298.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 254) }
```

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

```
.background{ background-color: rgb(182,  
172, 254) }
```

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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