

Converting Colors

CIELCh(80, 104.855, 298.968)

Have a look what the booklet for
CIELCh(80, 104.855, 298.968)
contains.

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Color

CIELCh(74, 43.946, 295.783)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEFF
RGB	178, 174, 255
RGB Percent	70%, 68%, 100%
CMY	0.3037, 0.3194, 0.0018
CMYK	0.30, 0.32, 0.00, 0.00
HSL	243°, 99%, 84%
HSV	243°, 32%, 100%
XYZ	51.2813, 46.7039, 100.5215
YIQ	184.4300, -23.6170, 26.0390

Conversions

Conversions Part 2

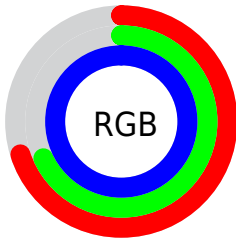
Format	Color
RYB	178, 174, 255
Decimal	11710207
CIELab	74.00, 19.11, -39.57
CIELCh	74, 43.946, 295.783
Yxy	46.7039, 0.2583, 0.2353
Android (android.graphics.Color)	4289900287 (0xFFB2AEFF)
YUV	184.4300, 34.7910, -5.6391
Hunter-Lab	68.3403, 14.3476, -39.3713

Details

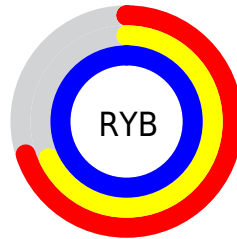
The CIELCh color $74, 43.946, 295.783$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $98, 40.615, 109.256$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.656, 299.871$, and $54, 43.793, 295.624$ is the 20% darker color. If you saturate the color by 10%, you get $66, 58.999, 297.358$, and if you desaturate by 10%, it is $82, 29.499, 294.424$.

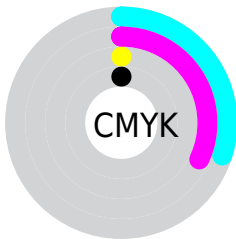
Distribution



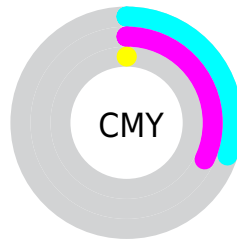
- Red (70%)
- Green (68%)
- Blue (100%)



- Red (70%)
- Yellow (68%)
- Blue (100%)



- Cyan (30%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (32%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.946, 295.783 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, 43.946, 295.783 by changing the saturation by 10% instead.

 74, 43.946,
295.783

 74, 43.946,
295.783


 100, 43.946,
295.783


 64, 43.946,
295.783


 94, 43.946,
295.783

 54, 43.946,
295.783

 44, 43.946,
295.783

 34, 43.946,
295.783

 24, 43.946,
295.783

 14, 43.946,
295.783

 4, 43.946, 295.783

0, 43.946, 295.783

74, 43.946,
295.783

74, 43.946,
295.783

66, 58.999,
297.358

82, 29.499,
294.424

58, 74.598,
299.145

90, 15.649,
293.265

50, 90.483,
301.088

98, 2.359, 292.299

44, 105.961,
303.046

100, 0.228,
109.821

38, 119.593,
304.766

34, 129.238,
305.922

■ 32,133.412,
306.386

Harmonies

Complementary

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



74, 43.946, 295.783



98, 40.615, 109.256

Rectangle

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



74, 43.946, 295.783



74, 43.946, 345.783



74, 43.946, 115.783



74, 43.946, 165.783

Sweetspot

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



74, 43.945, 295.783



92, 13.224, 293.076



94, 24.782, 201.130



48, 9.047, 293.223



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, 43.945, 295.783



69, 53.275, 296.733



77, 45.856, 311.738



49, 7.511, 293.025



23, 107.536, 306.426



4, 44.246, 302.747

Inverse Universe

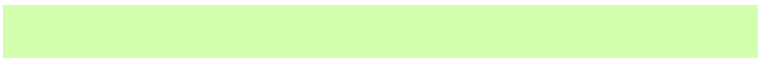
The Inverse Universe completely reimagines the original color for something new.



81, 49.009, 327.578



78, 58.324, 327.918



95, 43.986, 128.745



50, 8.759, 326.300



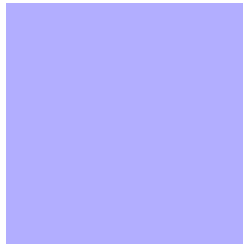
45, 89.554, 330.295



12, 41.391, 330.035

Previews

White Background



This preview shows how the CIELCh color 74, 43.946, 295.783 looks on a white background.

Color Contrast Check

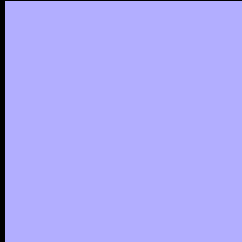
Large Text (above 18pt) WCAG AA × Fail

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, 43.946, 295.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

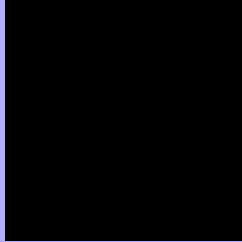
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.946, 295.783

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.946, 295.783.



This preview shows how white text looks on a background with the CIELCh color 74, 43.946, 295.783.

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, 43.946, 295.783

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 39.788, 284.306



Tritanopia
74, 10.143, 252.558

Trichromacy



Original Color
74, 43.946, 295.783

Protanomaly
74, 42.281, 289.173

Deuteranomaly
74, 41.193, 288.499

Tritanomaly
74, 21.313, 283.146

Monochromacy



Original Color
74, 43.946, 295.783

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.281, 294.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.946, 295.783 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(178, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 255)  
}
```

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(178, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.946, 295.783 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(178, 174, 255) }
```

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

```
.border{ border-color:rgb(178, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.946, 295.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 255) }
```

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

```
.background{ background-color: rgb(178,  
174, 255) }
```

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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