

Converting Colors

CIELCh(74, 30.650, 294.407)

Have a look what the booklet for
CIELCh(74, 30.650, 294.407)
contains.

CIELCh(74, 30.386, 294.230)	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, 30.386, 294.230)

Conversions

Conversions Part 1

Format	Color
Hex	B3B1E9
RGB	179, 177, 233
RGB Percent	70%, 69%, 91%
CMY	0.2995, 0.3073, 0.0878
CMYK	0.23, 0.24, 0.00, 0.09
HSL	242°, 56%, 80%
HSV	242°, 24%, 91%
XYZ	48.8107, 46.7039, 83.2492
YIQ	183.9820, -16.7840, 17.8400

Conversions

Conversions Part 2

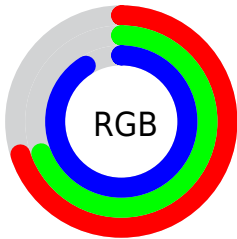
Format	Color
R _Y B	179, 177, 233
Decimal	11776489
CIE Lab	74.00, 12.47, -27.71
CIE LCh	74, 30.386, 294.230
Yxy	46.7039, 0.2730, 0.2613
Android (android.graphics.Color)	4289966569 (0xFFB3B1E9)
YUV	183.9820, 24.1659, -4.3692
Hunter-Lab	68.3403, 7.8947, -24.3863

Details

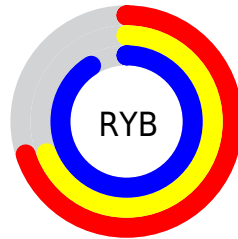
The CIELCh color `74, 30.386, 294.230` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `91, 28.703, 109.374`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 11.398, 294.512`, and `54, 29.996, 293.721` is the 20% darker color. If you saturate the color by 10%, you get `66, 43.934, 295.666`, and if you desaturate by 10%, it is `82, 17.395, 293.003`.

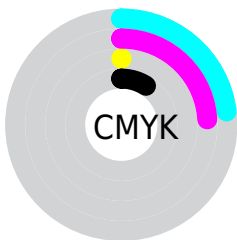
Distribution



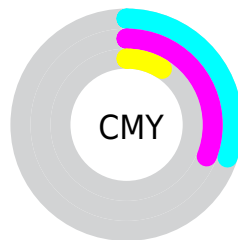
- Red (70%)
- Green (69%)
- Blue (91%)



- Red (70%)
- Yellow (69%)
- Blue (91%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)





- Cyan (30%)
- Magenta (31%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.386, 294.230 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, 30.386, 294.230 by changing the saturation by 10% instead.


 74, 30.386,
294.230


 74, 30.386,
294.230


 100, 30.386,
294.230


 64, 30.386,
294.230


 94, 30.386,
294.230

 54, 30.386,
294.230

 44, 30.386,
294.230

 34, 30.386,
294.230

 24, 30.386,
294.230

 14, 30.386,
294.230

 4, 30.386, 294.230

0, 30.386, 294.230

74, 30.386,
294.230

74, 30.386,
294.230

66, 43.934,
295.666

82, 17.395,
293.003

59, 58.049,
297.328

89, 4.933, 291.968

52, 72.651,
299.204

97, 7.039, 111.062

45, 87.446,
301.224

99, 11.327,
109.321

38, 101.676,
303.224

33, 113.843,
304.922

■ 30,121.906,
305.995

■ 29,124.673,
306.366

Harmonies

Complementary

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



74, 30.386, 294.230



91, 28.703, 109.374

Rectangle

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



74, 30.386, 294.230



74, 30.386, 344.230



74, 30.386, 114.230



74, 30.386, 164.230

Sweetspot

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



74, 30.384, 294.229



94, 9.201, 292.255



88, 17.966, 201.366



50, 5.985, 292.316



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, 30.384, 294.229



76, 39.875, 294.932



76, 31.971, 311.334



45, 7.011, 292.504



22, 103.292, 306.395



2, 35.807, 298.594

Inverse Universe

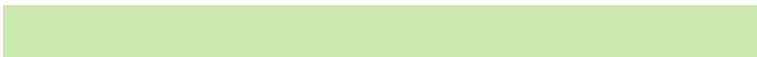
The Inverse Universe completely reimagines the original color for something new.



79, 34.877, 326.743



83, 45.225, 327.025



89, 31.003, 129.132



46, 8.256, 325.912



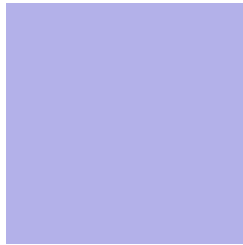
43, 86.911, 329.696



9, 37.369, 329.475

Previews

White Background



This preview shows how the CIELCh color 74, 30.386, 294.230 looks on a white background.

Color Contrast Check

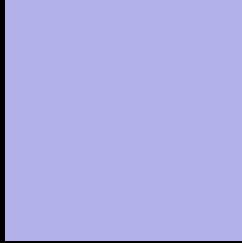
Large Text (above 18pt) WCAG AA × Fail

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, 30.386, 294.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

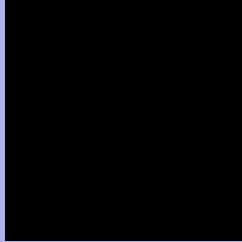
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.386, 294.230

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.386, 294.230.



This preview shows how white text looks on a background with the CIELCh color 74, 30.386, 294.230.

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, 30.386, 294.230

Protanopia

74, 29.942, 284.989

Deuteranopia

74, 29.279, 289.736



Tritanopia
74, 8.923, 265.098

Trichromacy



Original Color
74, 30.386, 294.230

Protanomaly
74, 29.834, 288.002

Deuteranomaly
74, 29.263, 290.994

Tritanomaly
74, 16.370, 283.269

Monochromacy



Original Color
74, 30.386, 294.230

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 11.384, 293.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.386, 294.230 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(179, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 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(179, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.386, 294.230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

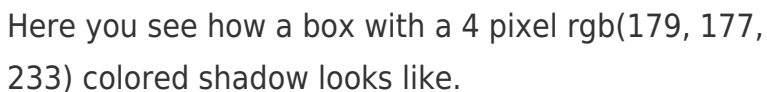
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 177, 233) }
```

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

```
.border{ border-color:rgb(179, 177, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 177, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 177, 233); box-shadow:4px 4px 4px 4px rgb(179, 177, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.386, 294.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 233) }
```

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

```
.background{ background-color: rgb(179,  
177, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor