

Converting Colors

CIELCh(74, 35.807, 284.519)

Have a look what the booklet for
CIELCh(74, 35.807, 284.519)
contains.

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Color

CIELCh(74, 35.460, 283.963)

Conversions

Conversions Part 1

Format	Color
Hex	A1B4F5
RGB	161, 180, 245
RGB Percent	63%, 71%, 96%
CMY	0.3694, 0.2948, 0.0400
CMYK	0.34, 0.27, 0.00, 0.04
HSL	226°, 80%, 80%
HSV	226°, 34%, 96%
XYZ	47.3932, 46.7039, 92.7426
YIQ	181.7290, -32.1890, 16.1870

Conversions

Conversions Part 2

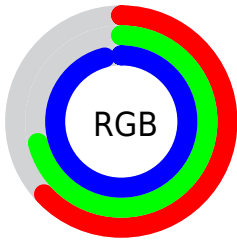
Format	Color
R_{YB}	161, 176, 245
Decimal	10597621
CIE _{Lab}	74.00, 8.56, -34.41
CIE _{LCh}	74, 35.460, 283.963
Yxy	46.7039, 0.2537, 0.2500
Android (android.graphics.Color)	4288787701 (0xFFA1B4F5)
YUV	181.7290, 31.1926, -18.1793
Hunter-Lab	68.3403, 4.1923, -32.6226

Details

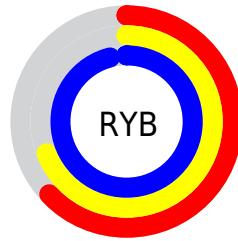
The CIELCh color `74, 35.460, 283.963` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `90, 34.282, 94.619`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 11.395, 258.918`, and `54, 35.423, 284.399` is the 20% darker color. If you saturate the color by 10%, you get `67, 46.494, 286.070`, and if you desaturate by 10%, it is `81, 24.765, 282.159`.

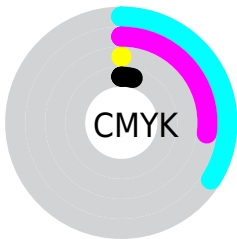
Distribution



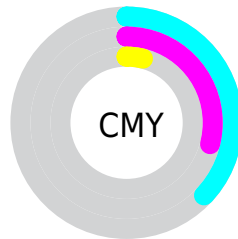
- Red (63%)
- Green (71%)
- Blue (96%)



- Red (63%)
- Yellow (69%)
- Blue (96%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (37%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 35.460, 283.963 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, 35.460, 283.963 by changing the saturation by 10% instead.

■ 74, 35.460,
283.963

■ 74, 35.460,
283.963

■ 100, 35.460,
283.963

■ 64, 35.460,
283.963

■ 94, 35.460,
283.963

■ 54, 35.460,
283.963

■ 44, 35.460,
283.963

■ 34, 35.460,
283.963

■ 24, 35.460,
283.963

■ 14, 35.460,
283.963

■ 4, 35.460, 283.963

■ 0, 35.460, 283.963

■ 74, 35.460,
283.963

■ 74, 35.460,
283.963

■ 67, 46.494,
286.070

■ 81, 24.765,
282.159

■ 61, 57.905,
288.507

■ 87, 14.380,
280.622

■ 55, 69.710,
291.271

■ 94, 4.280, 279.335

■ 49, 81.851,
294.302

■ 100, 5.161,
109.777

■ 44, 94.082,
297.454

■ 39, 105.802,
300.487

■ 37,111.895,
302.014

Harmonies

Complementary

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



74, 35.460, 283.963



90, 34.282, 94.619

Rectangle

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



74, 35.460, 283.963



74, 35.460, 333.963



74, 35.460, 103.963



74, 35.460, 153.963

Sweetspot

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



74, 35.459, 283.963



93, 10.331, 280.037



91, 29.679, 177.374



49, 7.061, 280.224



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, 35.459, 283.963



72, 44.248, 285.356



71, 46.615, 303.132



48, 5.676, 279.967



27, 89.713, 301.542



5, 33.500, 295.193

Inverse Universe

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



75, 33.776, 5.326



74, 42.130, 6.491



93, 43.291, 118.429



48, 5.301, 2.111



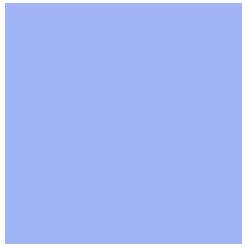
39, 72.154, 27.448



9, 29.899, 15.436

Previews

White Background



This preview shows how the CIELCh color 74, 35.460, 283.963 looks on a white background.

Color Contrast Check

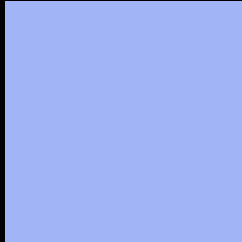
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 35.460, 283.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

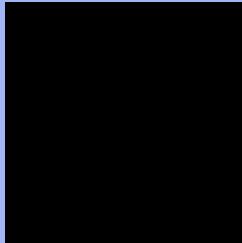
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 35.460, 283.963

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.460, 283.963.



This preview shows how white text looks on a background with the CIELCh color 74, 35.460, 283.963.

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

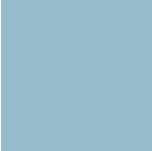
74, 35.460, 283.963

Protanopia

74, 35.386, 285.415

Deuteranopia

74, 35.885, 286.076



Tritanopia
74, 14.678, 232.388

Trichromacy



Original Color
74, 35.460, 283.963

Protanomaly
74, 35.420, 284.937

Deuteranomaly
74, 35.917, 285.603

Tritanomaly
74, 20.062, 262.505

Monochromacy



Original Color
74, 35.460, 283.963

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.177, 280.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.460, 283.963 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(161, 180, 245)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 245)  
}
```

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(161, 180, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.460, 283.963 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(161, 180, 245) }
```

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

```
.border{ border-color:rgb(161, 180, 245) }
```

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

Here you see how a box with a 4 pixel rgb(161, 180, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 245);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.460, 283.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 245) }
```

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

```
.background{ background-color: rgb(161,  
180, 245) }
```

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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