

Converting Colors

CIELCh(74, 28.710, 282.659)

Have a look what the booklet for
CIELCh(74, 28.710, 282.659)
contains.

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Color

CIELCh(74, 28.445, 282.436)

Conversions

Conversions Part 1

Format	Color
Hex	A5B5E9
RGB	165, 181, 233
RGB Percent	65%, 71%, 91%
CMY	0.3545, 0.2917, 0.0879
CMYK	0.29, 0.22, 0.00, 0.09
HSL	226°, 60%, 78%
HSV	226°, 29%, 91%
XYZ	46.5269, 46.7039, 83.3427
YIQ	182.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

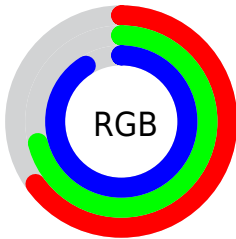
Format	Color
RYB	165, 178, 233
Decimal	10860009
CIELab	74.00, 6.13, -27.78
CIELCh	74, 28.445, 282.436
Yxy	46.7039, 0.2635, 0.2645
Android (android.graphics.Color)	4289050089 (0xFFA5B5E9)
YUV	182.1440, 25.0720, -15.0353
Hunter-Lab	68.3403, 1.9295, -24.4674

Details

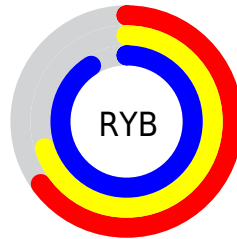
The CIELCh color $74, 28.445, 282.436$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $87, 27.746, 94.653$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.626, 260.419$, and $54, 28.561, 282.469$ is the 20% darker color. If you saturate the color by 10%, you get $68, 38.723, 284.387$, and if you desaturate by 10%, it is $80, 18.461, 280.767$.

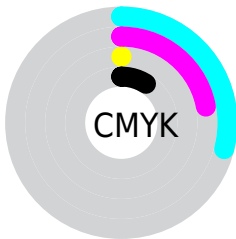
Distribution



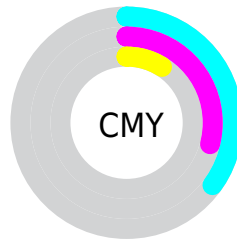
- Red (65%)
- Green (71%)
- Blue (91%)



- Red (65%)
- Yellow (70%)
- Blue (91%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.445, 282.436 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, 28.445, 282.436 by changing the saturation by 10% instead.

■ 74, 28.445,
282.436

■ 74, 28.445,
282.436

■ 100, 28.445,
282.436

■ 64, 28.445,
282.436

■ 94, 28.445,
282.436

■ 54, 28.445,
282.436

■ 44, 28.445,
282.436

■ 34, 28.445,
282.436

■ 24, 28.445,
282.436

■ 14, 28.445,
282.436

■ 4, 28.445, 282.436

0, 28.445, 282.436

74, 28.445,
282.436

74, 28.445,
282.436

68, 38.723,
284.387

80, 18.461,
280.767

62, 49.332,
286.659

86, 8.749, 279.350

56, 60.301,
289.266

93, 0.711, 97.822

50, 71.631,
292.185

99, 9.779, 102.521

99, 11.345,
109.320

44, 83.215,
295.323

40, 94.716,
298.495

■ 35,105.446,
301.407

■ 35,106.220,
301.603

Harmonies

Complementary

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



74, 28.445, 282.436



87, 27.746, 94.653

Rectangle

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



74, 28.445, 282.436



74, 28.445, 332.436



74, 28.445, 102.436



74, 28.445, 152.436

Sweetspot

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



74, 28.444, 282.435



94, 9.191, 279.326



87, 24.817, 176.681



49, 6.398, 279.518



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, 28.444, 282.435



77, 37.008, 283.559



71, 37.699, 302.107



46, 5.425, 279.382



27, 86.751, 301.140



5, 29.884, 292.655

Inverse Universe

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



74, 27.416, 3.862



77, 35.732, 4.769



90, 35.417, 118.061



46, 5.138, 1.428



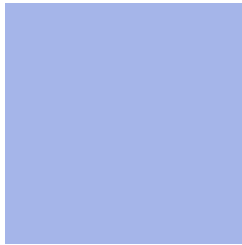
38, 70.214, 26.586



7, 27.850, 12.806

Previews

White Background



This preview shows how the CIELCh color 74, 28.445, 282.436 looks on a white background.

Color Contrast Check

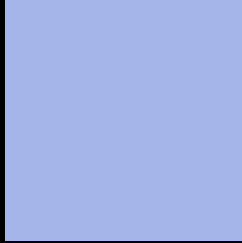
Large Text (above 18pt) WCAG AA × Fail

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, 28.445, 282.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

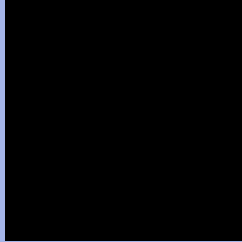
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 28.445, 282.436

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.445, 282.436.



This preview shows how white text looks on a background with the CIELCh color 74, 28.445, 282.436.

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, 28.445, 282.436

Protanopia

74, 28.311, 284.958

Deuteranopia

74, 29.830, 289.237



Tritanopia

74, 12.400, 239.967

Trichromacy



Original Color
74, 28.445, 282.436

Protanomaly
74, 28.347, 284.327

Deuteranomaly
74, 29.346, 286.619

Tritanomaly
74, 16.928, 263.195

Monochromacy



Original Color
74, 28.445, 282.436

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.411, 281.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.445, 282.436 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(165, 181, 233)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 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(165, 181, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.445, 282.436 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(165, 181, 233) }
```

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

```
.border{ border-color:rgb(165, 181, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 233);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.445, 282.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 233) }
```

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

```
.background{ background-color: rgb(165,  
181, 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](#).

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