

Converting Colors

CIELCh(74, 27.771, 283.338)

Have a look what the booklet for
CIELCh(74, 27.771, 283.338)
contains.

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Color

CIELCh(74, 27.856, 283.452)

Conversions

Conversions Part 1

Format	Color
Hex	A6B4E7
RGB	166, 180, 231
RGB Percent	65%, 71%, 91%
CMY	0.3477, 0.2928, 0.0928
CMYK	0.28, 0.22, 0.00, 0.09
HSL	227°, 58%, 78%
HSV	227°, 28%, 91%
XYZ	46.6526, 46.7039, 82.4089
YIQ	181.6280, -24.7150, 12.8930

Conversions

Conversions Part 2

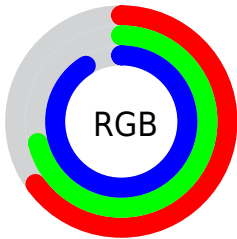
Format	Color
R _Y B	166, 178, 231
Decimal	10925287
CIE Lab	74.00, 6.48, -27.09
CIE LCh	74, 27.856, 283.452
Yxy	46.7039, 0.2654, 0.2657
Android (android.graphics.Color)	4289115367 (0xFFA6B4E7)
YUV	181.6280, 24.3404, -13.7058
Hunter-Lab	68.3403, 2.2579, -23.6573

Details

The CIELCh color `74, 27.856, 283.452` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 27.064, 96.130`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.786, 264.987`, and `54, 27.904, 284.062` is the 20% darker color. If you saturate the color by 10%, you get `68, 38.343, 285.342`, and if you desaturate by 10%, it is `80, 17.687, 281.836`.

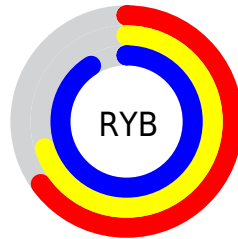
Distribution



Red (65%)

Green (71%)

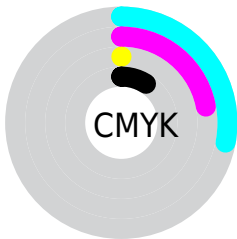
Blue (91%)



Red (65%)

Yellow (70%)

Blue (91%)

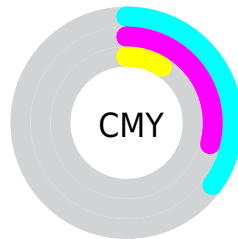


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.856, 283.452 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, 27.856, 283.452 by changing the saturation by 10% instead.

■ 74, 27.856,
283.452

■ 74, 27.856,
283.452

■ 100, 27.856,
283.452

■ 64, 27.856,
283.452

■ 94, 27.856,
283.452

■ 54, 27.856,
283.452

■ 44, 27.856,
283.452

■ 34, 27.856,
283.452

■ 24, 27.856,
283.452

■ 14, 27.856,
283.452

■ 4, 27.856, 283.452

■ 0, 27.856, 283.452

■ 74, 27.856,
283.452

■ 74, 27.856,
283.452

■ 68, 38.343,
285.342

■ 80, 17.687,
281.836

■ 61, 49.184,
287.543

■ 87, 7.811, 280.466

■ 55, 60.407,
290.072

■ 93, 1.792, 99.152

■ 99, 10.967,
105.446

■ 49, 72.004,
292.905

■ 99, 11.975,
109.272

■ 44, 83.851,
295.952

■ 39, 95.567,
299.026

■ 35,106.378,
301.847

■ 34,108.256,
302.308

Harmonies

Complementary

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



74, 27.856, 283.452



87, 27.064, 96.130

Rectangle

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



74, 27.856, 283.452



74, 27.856, 333.452



74, 27.856, 103.452



74, 27.856, 153.452

Sweetspot

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



74, 27.855, 283.451



95, 8.346, 280.458



87, 23.320, 179.338



50, 5.943, 280.650



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, 27.855, 283.451



77, 36.803, 284.565



72, 36.122, 303.136



45, 5.450, 280.637



26, 87.843, 301.853



4, 28.698, 292.027

Inverse Universe

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



75, 26.050, 5.195



78, 34.505, 6.108



89, 34.105, 119.491



45, 5.006, 2.921



37, 70.321, 28.130



7, 26.655, 12.747

Previews

White Background



This preview shows how the CIELCh color 74, 27.856, 283.452 looks on a white background.

Color Contrast Check

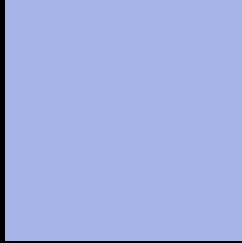
Large Text (above 18pt) WCAG AA × Fail

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, 27.856, 283.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

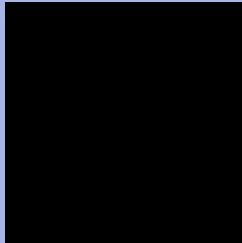
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.856, 283.452

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.856, 283.452.



This preview shows how white text looks on a background with the CIELCh color 74, 27.856, 283.452.

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, 27.856, 283.452

Protanopia

74, 27.745, 285.386

Deuteranopia

74, 29.279, 289.736



Tritanopia
74, 11.913, 242.065

Trichromacy



Original Color
74, 27.856, 283.452

Protanomaly
74, 27.779, 284.738

Deuteranomaly
74, 28.762, 287.695

Tritanomaly
74, 16.652, 265.192

Monochromacy



Original Color
74, 27.856, 283.452

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, 27.856, 283.452 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(166, 180, 231)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 231)  
}
```

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(166, 180, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.856, 283.452 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(166, 180, 231) }
```

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

```
.border{ border-color:rgb(166, 180, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 231);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.856, 283.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 231) }
```

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

```
.background{ background-color: rgb(166,  
180, 231) }
```

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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