

Converting Colors

CIELCh(74, 28.415, 268.847)

Have a look what the booklet for
CIELCh(74, 28.415, 268.847)
contains.

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Color

CIELCh(74, 28.415, 268.847)

Conversions

Conversions Part 1

Format	Color
Hex	94B9EA
RGB	148, 185, 234
RGB Percent	58%, 73%, 92%
CMY	0.4212, 0.2761, 0.0840
CMYK	0.37, 0.21, 0.00, 0.08
HSL	214°, 67%, 75%
HSV	214°, 37%, 92%
XYZ	44.1947, 46.7039, 84.2089
YIQ	179.5230, -37.7810, 7.3950

Conversions

Conversions Part 2

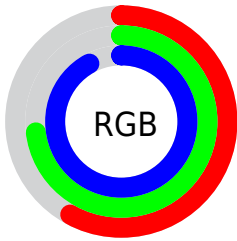
Format	Color
R _Y B	148, 174, 234
Decimal	9746922
CIE Lab	74.00, -0.57, -28.41
CIE LCh	74, 28.415, 268.847
Yxy	46.7039, 0.2524, 0.2667
Android (android.graphics.Color)	4287937002 (0xFF94B9EA)
YUV	179.5230, 26.8572, -27.6457
Hunter-Lab	68.3403, -4.1620, -25.2189

Details

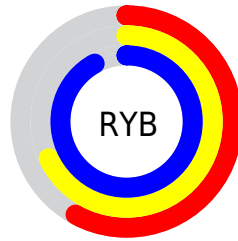
The CIELCh color $74, 28.415, 268.847$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $81, 30.174, 77.700$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 14.007, 229.955$, and $54, 28.378, 269.041$ is the 20% darker color. If you saturate the color by 10%, you get $69, 36.127, 271.309$, and if you desaturate by 10%, it is $79, 20.695, 266.758$.

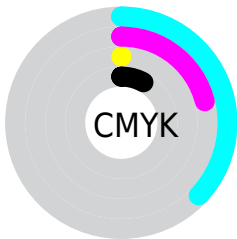
Distribution



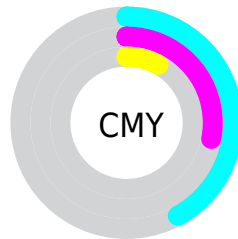
- Red (58%)
- Green (73%)
- Blue (92%)



- Red (58%)
- Yellow (68%)
- Blue (92%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (28%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.415, 268.847 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, 28.415, 268.847 by changing the saturation by 10% instead.

 74, 28.415,
268.847

 74, 28.415,
268.847

 100, 28.415,
268.847

 64, 28.415,
268.847


 94, 28.415,
268.847

 54, 28.415,
268.847

 44, 28.415,
268.847

 34, 28.415,
268.847

 24, 28.415,
268.847

 14, 28.415,
268.847

 4, 28.415, 268.847

■ 0, 28.415, 268.847

■ 74, 28.415,
268.847

■ 74, 28.415,
268.847

■ 69, 36.127,
271.309

■ 79, 20.695,
266.758

■ 64, 43.852,
274.194

■ 84, 12.971,
264.994

■ 60, 51.628,
277.523

■ 89, 5.253, 263.526

■ 55, 59.520,
281.273

■ 94, 2.442, 82.028

■ 51, 67.600,
285.347

■ 99, 9.005, 100.571

■ 99, 10.843,
109.357

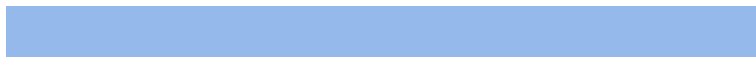
■ 47, 75.898,
289.553

■ 46,78.595,
290.826

Harmonies

Complementary

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



74, 28.415, 268.847



81, 30.174, 77.700

Rectangle

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



74, 28.415, 268.847



74, 28.415, 318.847



74, 28.415, 88.847



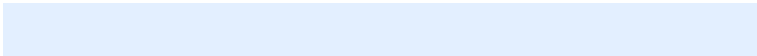
74, 28.415, 138.847

Sweetspot

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



74, 28.414, 268.846



94, 9.111, 264.110



86, 35.491, 163.700



49, 6.122, 264.311



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, 28.414, 268.846



76, 36.464, 270.630



65, 47.936, 297.052



46, 4.397, 263.885



36, 63.828, 290.109



8, 23.234, 282.623

Inverse Universe

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



71, 37.721, 351.503



73, 48.337, 352.587



90, 43.676, 109.614



46, 5.697, 348.377



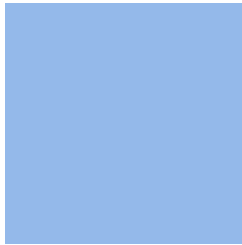
39, 65.328, 8.637



8, 28.095, 0.615

Previews

White Background



This preview shows how the CIE LCh color 74, 28.415, 268.847 looks on a white background.

Color Contrast Check

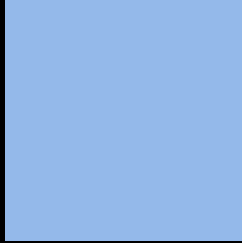
Large Text (above 18pt) WCAG AA × Fail

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, 28.415, 268.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

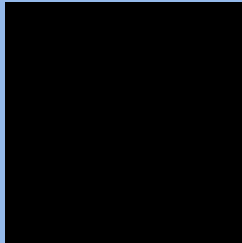
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

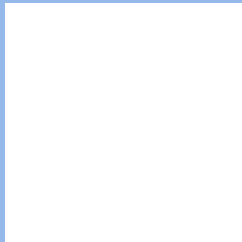
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 28.415, 268.847

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.415, 268.847.



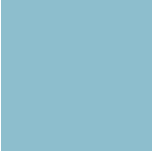
This preview shows how white text looks on a background with the CIELCh color 74, 28.415, 268.847.

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





Tritanopia
74, 17.828, 225.604

Trichromacy



Original Color
74, 28.415, 268.847

Protanomaly
74, 27.611, 279.340

Deuteranomaly
74, 29.622, 281.805

Tritanomaly
74, 20.176, 245.396

Monochromacy



Original Color
74, 28.415, 268.847

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.672, 265.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.415, 268.847 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(148, 185, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 185, 234)  
}
```

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(148, 185, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 185, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.415, 268.847 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(148, 185, 234) }
```

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

```
.border{ border-color:rgb(148, 185, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 185, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 185, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 185, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 185,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.415, 268.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 185, 234) }
```

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

```
.background{ background-color: rgb(148,  
185, 234) }
```

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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