

Converting Colors

CIELCh(74, 31.986, 270.961)

Have a look what the booklet for
CIELCh(74, 31.986, 270.961)
contains.

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Color

CIELCh(74, 32.018, 271.362)

Conversions

Conversions Part 1

Format	Color
Hex	91B8F0
RGB	145, 184, 240
RGB Percent	57%, 72%, 94%
CMY	0.4306, 0.2777, 0.0580
CMYK	0.40, 0.23, 0.00, 0.06
HSL	215°, 76%, 76%
HSV	215°, 40%, 94%
XYZ	44.6525, 46.7039, 89.2602
YIQ	178.7230, -41.2200, 9.1480

Conversions

Conversions Part 2

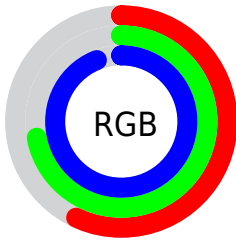
Format	Color
R _Y B	145, 173, 240
Decimal	9550064
CIE Lab	74.00, 0.76, -32.01
CIE LCh	74, 32.018, 271.362
Yxy	46.7039, 0.2472, 0.2586
Android (android.graphics.Color)	4287740144 (0xFF91B8F0)
YUV	178.7230, 30.2096, -29.5751
Hunter-Lab	68.3403, -2.9664, -29.6013

Details

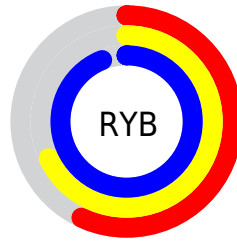
The CIELCh color `74, 32.018, 271.362` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `83, 33.724, 79.178`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 14.515, 231.163`, and `54, 32.224, 271.718` is the 20% darker color. If you saturate the color by 10%, you get `69, 40.192, 273.922`, and if you desaturate by 10%, it is `79, 23.877, 269.183`.

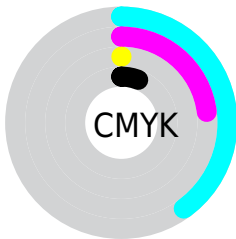
Distribution



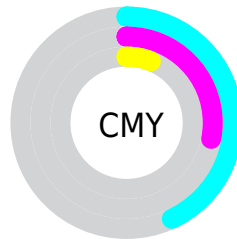
- Red (57%)
- Green (72%)
- Blue (94%)



- Red (57%)
- Yellow (68%)
- Blue (94%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)





- Cyan (43%)
- Magenta (28%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.018, 271.362 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, 32.018, 271.362 by changing the saturation by 10% instead.


 74, 32.018,
271.362

 74, 32.018,
271.362


 100, 32.018,
271.362


 64, 32.018,
271.362


 94, 32.018,
271.362

 54, 32.018,
271.362

 44, 32.018,
271.362

 34, 32.018,
271.362

 24, 32.018,
271.362

 14, 32.018,
271.362

 4, 32.018, 271.362

■ 0, 32.018, 271.362

■ 74, 32.018,
271.362

■ 74, 32.018,
271.362

■ 69, 40.192,
273.922

■ 79, 23.877,
269.183

■ 64, 48.429,
276.903

■ 84, 15.765,
267.338

■ 59, 56.779,
280.313

■ 90, 7.686, 265.785

■ 54, 65.306,
284.107

■ 95, 0.351, 83.421

■ 50, 74.058,
288.155

■ 100, 7.488,
109.607

■ 46, 83.013,
292.198

■ 46, 83.420,
292.368

Harmonies

Complementary

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



74, 32.018, 271.362



83, 33.724, 79.178

Rectangle

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



74, 32.018, 271.362



74, 32.018, 321.362



74, 32.018, 91.362



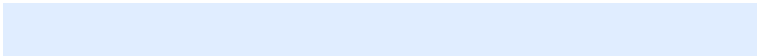
74, 32.018, 141.362

Sweetspot

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



74, 32.017, 271.361



93, 10.141, 266.145



88, 38.312, 164.321



49, 6.728, 266.341



0, 0.000, 0.000



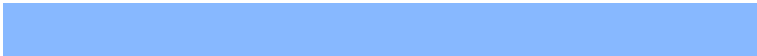
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 32.017, 271.361



74, 39.995, 273.270



64, 53.009, 297.980



47, 4.565, 265.774



35, 66.975, 291.651



8, 25.002, 284.793

Inverse Universe

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



71, 41.066, 353.186



71, 51.075, 354.397



92, 47.900, 110.132



47, 5.727, 349.584



39, 66.153, 10.629



8, 28.874, 2.655

Previews

White Background



This preview shows how the CIELCh color 74, 32.018, 271.362 looks on a white background.

Color Contrast Check

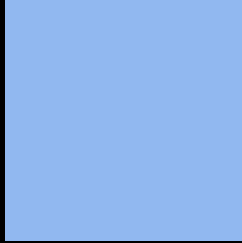
Large Text (above 18pt) WCAG AA × Fail

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, 32.018, 271.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

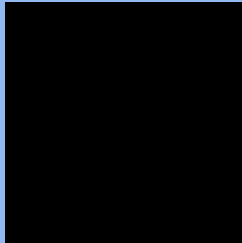
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

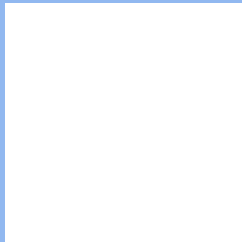
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.018, 271.362

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.018, 271.362.



This preview shows how white text looks on a background with the CIELCh color 74, 32.018, 271.362.

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, 32.018, 271.362

Protanopia

74, 31.568, 285.618

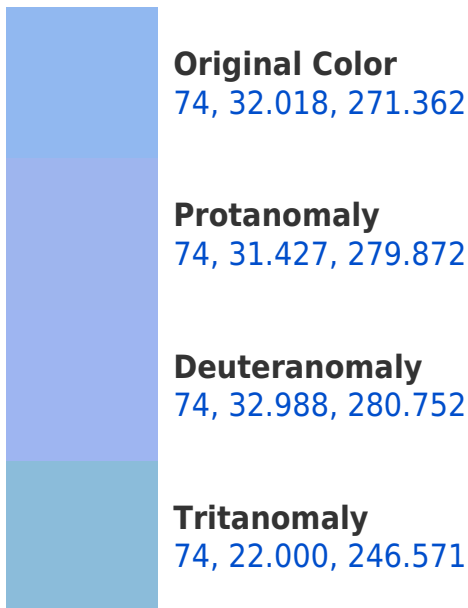
Deuteranopia

74, 33.699, 286.358

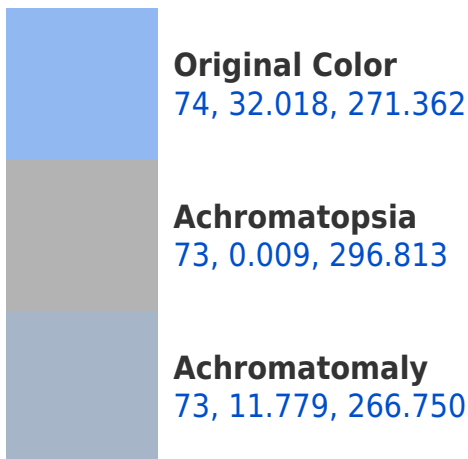


Tritanopia
74, 19.313, 225.087

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.018, 271.362 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(145, 184, 240)` looks like.

```
.text, #text, p{  
    color:rgb(145, 184, 240)  
}
```

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(145, 184, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 184, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.018, 271.362 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(145, 184, 240) }
```

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

```
.border{ border-color:rgb(145, 184, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 184, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 184, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 184, 240);  
box-shadow:4px 4px 4px 4px rgb(145, 184,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.018, 271.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 184, 240) }
```

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

```
.background{ background-color: rgb(145,  
184, 240) }
```

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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