

Converting Colors

CIELCh(72, 34.916, 264.470)

Have a look what the booklet for
CIELCh(72, 34.916, 264.470)
contains.

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Color

CIELCh(72, 34.875, 264.604)

Conversions

Conversions Part 1

Format	Color
Hex	7BB5EF
RGB	123, 181, 239
RGB Percent	48%, 71%, 94%
CMY	0.5164, 0.2890, 0.0615
CMYK	0.48, 0.24, 0.00, 0.06
HSL	210°, 79%, 71%
HSV	210°, 48%, 94%
XYZ	40.4295, 43.6590, 88.2103
YIQ	170.2700, -53.1860, 5.7420

Conversions

Conversions Part 2

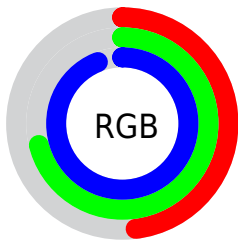
Format	Color
R _Y B	123, 162, 239
Decimal	8107503
CIE Lab	72.00, -3.28, -34.72
CIE LCh	72, 34.875, 264.604
Yxy	43.6590, 0.2346, 0.2534
Android (android.graphics.Color)	4286297583 (0xFF7BB5EF)
YUV	170.2700, 33.8839, -41.4558
Hunter-Lab	66.0750, -6.4118, -32.8999

Details

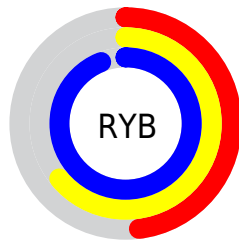
The CIELCh color **72, 34.875, 264.604** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 40.179, 69.322**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.869, 226.633**, and **52, 35.148, 265.100** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.696, 267.639**, and if you desaturate by 10%, it is **77, 27.915, 262.038**.

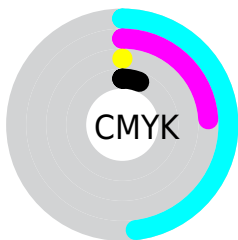
Distribution



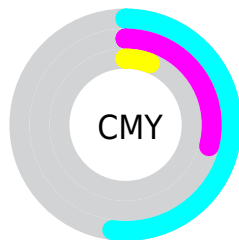
- Red (48%)
- Green (71%)
- Blue (94%)



- Red (48%)
- Yellow (64%)
- Blue (94%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (52%)
- Magenta (29%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 34.875, 264.604 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 72, 34.875, 264.604 by changing the saturation by 10% instead.

 72, 34.875,
264.604

 72, 34.875,
264.604

 100, 34.875,
264.604

 62, 34.875,
264.604


 92, 34.875,
264.604

 52, 34.875,
264.604

 42, 34.875,
264.604

 32, 34.875,
264.604

 22, 34.875,
264.604

 12, 34.875,
264.604

 2, 34.875, 264.604

■ 0, 34.875, 264.604

■ 72, 34.875,
264.604

■ 72, 34.875,
264.604

■ 68, 41.696,
267.639

■ 77, 27.915,
262.038

■ 63, 48.419,
271.177

■ 81, 20.814,
259.886

■ 59, 55.118,
275.202

■ 86, 13.588,
258.087

■ 55, 61.904,
279.621

■ 91, 6.265, 256.602

■ 52, 68.891,
284.210

■ 95, 1.127, 74.877

■ 51, 69.991,
284.879

■ 99, 7.021, 104.180

■ 100, 7.933,
109.574

Harmonies

Complementary

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



72, 34.875, 264.604



78, 40.179, 69.322

Rectangle

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



72, 34.875, 264.604



72, 34.875, 314.604



72, 34.875, 84.604



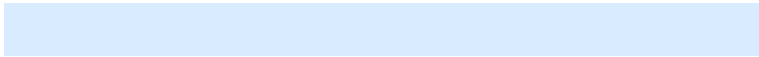
72, 34.875, 134.604

Sweetspot

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



72, 34.874, 264.604



93, 11.641, 257.545



87, 49.407, 158.542



48, 7.933, 257.876



0, 0.000, 0.000



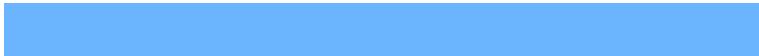
53, 0.007, 296.813

Same Dimension

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



72, 34.874, 264.604



72, 43.556, 267.550



57, 65.967, 297.239



48, 4.207, 256.737



40, 56.422, 284.064



10, 21.384, 276.353

Inverse Universe

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



67, 52.119, 348.855



66, 64.362, 350.441



92, 57.664, 105.547



47, 6.066, 344.412



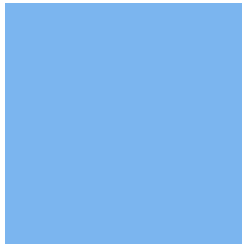
39, 66.218, 1.993



8, 29.443, 355.574

Previews

White Background



This preview shows how the CIELCh color 72, 34.875, 264.604 looks on a white background.

Color Contrast Check

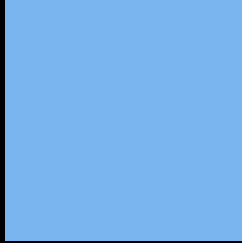
Large Text (above 18pt) WCAG AA × Fail

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 72, 34.875, 264.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

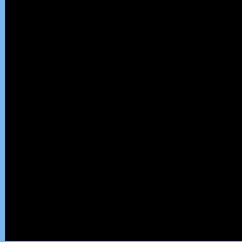
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

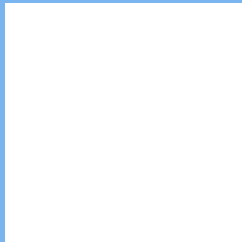
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 34.875, 264.604

Background



This preview shows how black text looks on a background with the CIELCh color 72, 34.875, 264.604.

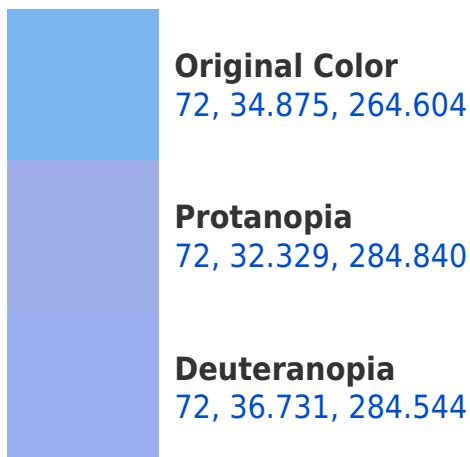


This preview shows how white text looks on a background with the CIELCh color 72, 34.875, 264.604.

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](#).

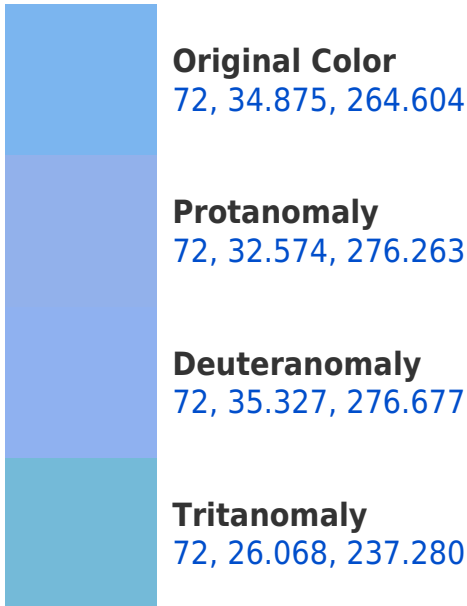
Dichromacy



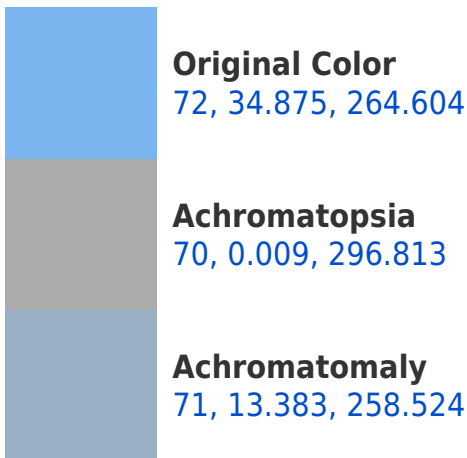


Tritanopia
72, 24.635, 217.280

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 34.875, 264.604 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(123, 181, 239)` looks like.

```
.text, #text, p{  
    color:rgb(123, 181, 239)  
}
```

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(123, 181, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 181, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 34.875, 264.604 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(123, 181, 239) }
```

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

```
.border{ border-color:rgb(123, 181, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 181, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 181, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 181, 239);  
box-shadow:4px 4px 4px 4px rgb(123, 181,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 34.875, 264.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 181, 239) }
```

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

```
.background{ background-color: rgb(123,  
181, 239) }
```

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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