

Converting Colors

CIELCh(73, 23.730, 259.781)

Have a look what the booklet for
CIELCh(73, 23.730, 259.781)
contains.

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Color

CIELCh(73, 23.747, 259.814)

Conversions

Conversions Part 1

Format	Color
Hex	8FB7DD
RGB	143, 183, 221
RGB Percent	56%, 72%, 87%
CMY	0.4375, 0.2807, 0.1316
CMYK	0.35, 0.17, 0.00, 0.13
HSL	209°, 54%, 72%
HSV	209°, 35%, 87%
XYZ	41.5330, 45.1644, 75.2440
YIQ	175.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

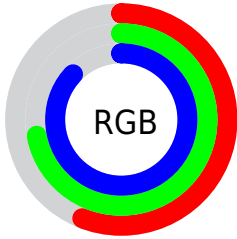
Format	Color
R _{YB}	143, 169, 221
Decimal	9418717
CIE _{Lab}	73.00, -4.20, -23.37
CIE _{LCh}	73, 23.747, 259.814
Y _{xy}	45.1644, 0.2565, 0.2789
Android (android.graphics.Color)	4287608797 (0xFF8FB7DD)
YUV	175.3720, 22.4946, -28.3902
Hunter-Lab	67.2044, -7.2931, -19.3396

Details

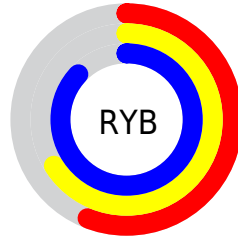
The CIELCh color **73, 23.747, 259.814** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 26.444, 69.704**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.285, 231.646**, and **53, 23.942, 259.966** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.189, 262.213**, and if you desaturate by 10%, it is **77, 17.151, 257.805**.

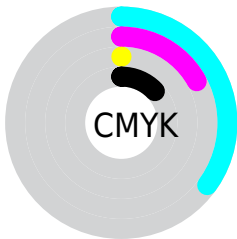
Distribution



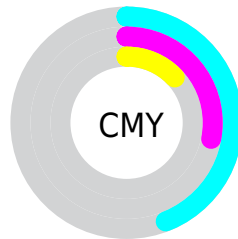
- Red (56%)
- Green (72%)
- Blue (87%)



- Red (56%)
- Yellow (66%)
- Blue (87%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 23.747, 259.814 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 73, 23.747, 259.814 by changing the saturation by 10% instead.

■ 73, 23.747,
259.814

■ 73, 23.747,
259.814

■ 100, 23.747,
259.814

■ 63, 23.747,
259.814

■ 93, 23.747,
259.814

■ 53, 23.747,
259.814

■ 43, 23.747,
259.814

■ 33, 23.747,
259.814

■ 23, 23.747,
259.814

■ 13, 23.747,
259.814

■ 3, 23.747, 259.814

0, 23.747, 259.814

73, 23.747,
259.814

73, 23.747,
259.814

69, 30.189,
262.213

77, 17.151,
257.805

65, 36.473,
265.067

82, 10.428,
256.133

61, 42.618,
268.422

86, 3.605, 254.790

90, 3.287, 73.355

57, 48.682,
272.287

95, 10.220, 72.420

53, 54.759,
276.604

98, 13.806, 98.661

50, 60.965,
281.220

99, 16.972,
108.894

■ 48, 64.019,
283.377

Harmonies

Complementary

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



73, 23.747, 259.814



76, 26.444, 69.704

Rectangle

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



73, 23.747, 259.814



73, 23.747, 309.814



73, 23.747, 79.814



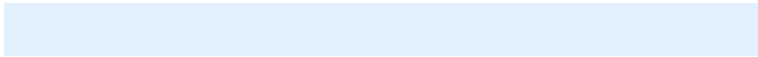
73, 23.747, 129.814

Sweetspot

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



73, 23.746, 259.812



95, 8.468, 255.531



82, 34.866, 159.407



50, 5.685, 255.724



0, 0.000, 0.000



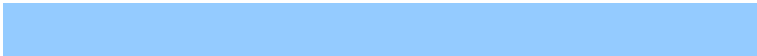
53, 0.007, 296.813

Same Dimension

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



73, 23.746, 259.812



80, 31.526, 261.473



63, 42.961, 294.113



44, 3.871, 255.305



38, 52.482, 282.560



8, 17.759, 272.478

Inverse Universe

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



68, 36.171, 346.323



74, 48.206, 347.200



86, 39.427, 106.051



43, 5.686, 343.707



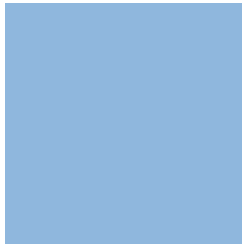
37, 63.642, 0.585



6, 25.201, 353.621

Previews

White Background



This preview shows how the CIELCh color 73, 23.747, 259.814 looks on a white background.

Color Contrast Check

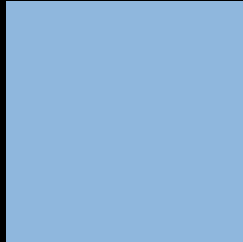
Large Text (above 18pt) WCAG AA × Fail

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 73, 23.747, 259.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

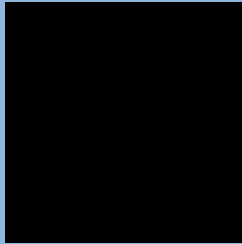
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

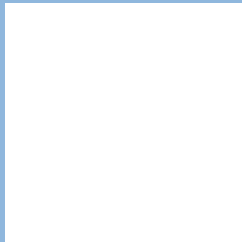
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 23.747, 259.814

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.747, 259.814.



This preview shows how white text looks on a background with the CIELCh color 73, 23.747, 259.814.

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](#).

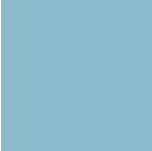
Dichromacy



Original Color
73, 23.747, 259.814

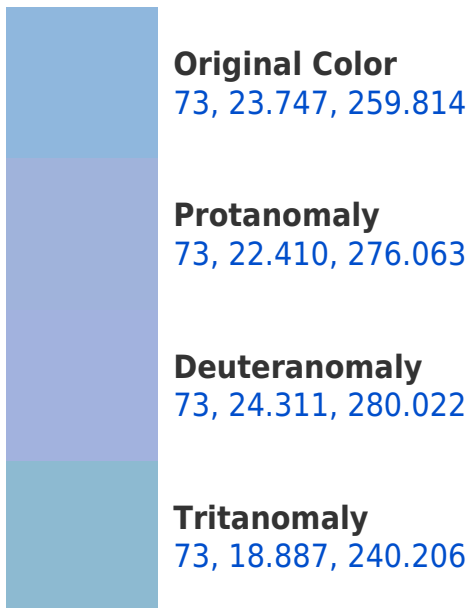
Protanopia
73, 21.807, 286.065

Deuteranopia
73, 26.104, 291.198

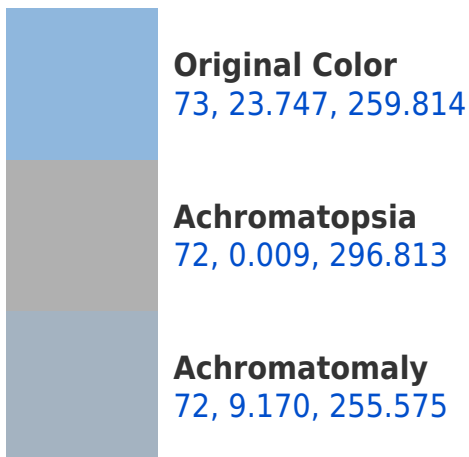


Tritanopia
73, 17.586, 226.108

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.747, 259.814 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(143, 183, 221)` looks like.

```
.text, #text, p{  
    color:rgb(143, 183, 221)  
}
```

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(143, 183, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 183, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.747, 259.814 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(143, 183, 221) }
```

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

```
.border{ border-color:rgb(143, 183, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 183, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 183, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 183, 221);  
box-shadow:4px 4px 4px 4px rgb(143, 183,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.747, 259.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 183, 221) }
```

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

```
.background{ background-color: rgb(143,  
183, 221) }
```

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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