

Converting Colors

CIELCh(73, 19.507, 257.041)

Have a look what the booklet for
CIELCh(73, 19.507, 257.041)
contains.

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Color

CIELCh(73, 19.376, 256.571)

Conversions

Conversions Part 1

Format	Color
Hex	95B7D5
RGB	149, 183, 213
RGB Percent	58%, 72%, 84%
CMY	0.4150, 0.2816, 0.1640
CMYK	0.30, 0.14, 0.00, 0.16
HSL	208°, 43%, 71%
HSV	208°, 30%, 84%
XYZ	41.4344, 45.1644, 69.6120
YIQ	176.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

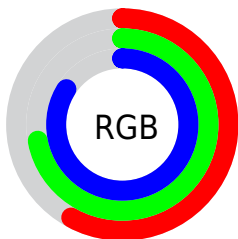
Format	Color
RYB	149, 171, 213
Decimal	9811925
CIELab	73.00, -4.50, -18.85
CIELCh	73, 19.376, 256.571
Yxy	45.1644, 0.2652, 0.2891
Android (android.graphics.Color)	4288002005 (0xFF95B7D5)
YUV	176.2540, 18.1158, -23.9018
Hunter-Lab	67.2044, -7.5549, -14.3709

Details

The CIELCh color **73, 19.376, 256.571** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75, 21.404, 68.389**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.003, 235.171**, and **53, 19.327, 256.291** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.536, 258.729**, and if you desaturate by 10%, it is **77, 13.048, 254.771**.

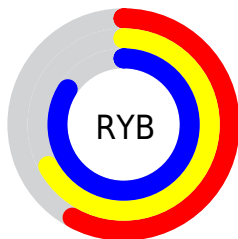
Distribution



Red (58%)

Green (72%)

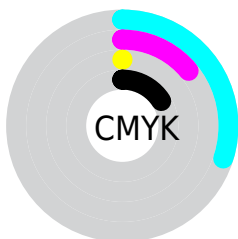
Blue (84%)



Red (58%)

Yellow (67%)

Blue (84%)

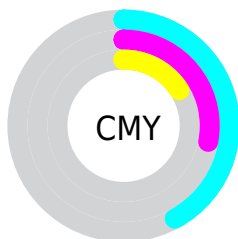


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (28%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 19.376, 256.571 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, 19.376, 256.571 by changing the saturation by 10% instead.

■ 73, 19.376,
256.571

■ 73, 19.376,
256.571

■ 100, 19.376,
256.571

■ 63, 19.376,
256.571

■ 93, 19.376,
256.571

■ 53, 19.376,
256.571

■ 43, 19.376,
256.571

■ 33, 19.376,
256.571

■ 23, 19.376,
256.571

■ 13, 19.376,
256.571

■ 3, 19.376, 256.571

0, 19.376, 256.571

73, 19.376,
256.571

73, 19.376,
256.571

69, 25.536,
258.729

77, 13.048,
254.771

65, 31.509,
261.317

81, 6.586, 253.291

61, 37.294,
264.393

85, 0.023, 269.989

90, 6.612, 70.826

58, 42.924,
267.994

94, 13.101, 70.938

54, 48.469,
272.109

96, 15.894, 92.876

99, 20.226,
106.687

51, 54.041,
276.647

■ 48, 59.769,
281.310

■ 99, 21.125,
108.578

Harmonies

Complementary

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



73, 19.376, 256.571



75, 21.404, 68.389

Rectangle

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



73, 19.376, 256.571



73, 19.376, 306.571



73, 19.376, 76.571



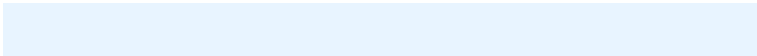
73, 19.376, 126.571

Sweetspot

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



73, 19.375, 256.568



96, 6.844, 253.170



80, 29.333, 159.168



50, 4.750, 253.363



0, 0.000, 0.000



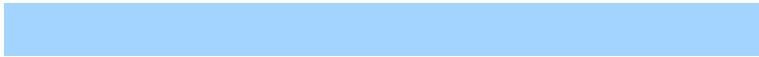
53, 0.007, 296.813

Same Dimension

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



73, 19.375, 256.568



83, 26.677, 257.893



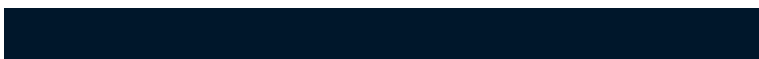
65, 34.472, 292.596



43, 3.746, 253.213



39, 49.948, 280.532



7, 16.424, 269.671

Inverse Universe

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



69, 30.218, 344.698



77, 41.894, 345.398



83, 32.203, 105.827



42, 5.648, 342.726



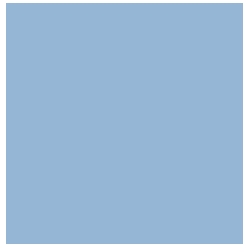
37, 63.229, 358.815



5, 23.868, 352.137

Previews

White Background



This preview shows how the CIELCh color 73, 19.376, 256.571 looks on a white background.

Color Contrast Check

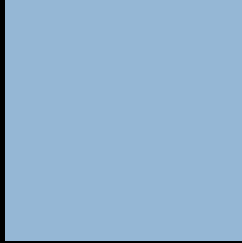
Large Text (above 18pt) WCAG AA × Fail

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, 19.376, 256.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

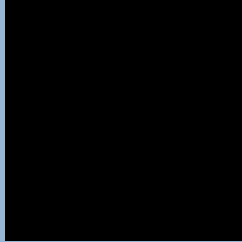
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

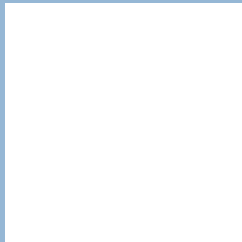
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.376, 256.571

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.376, 256.571.



This preview shows how white text looks on a background with the CIELCh color 73, 19.376, 256.571.

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



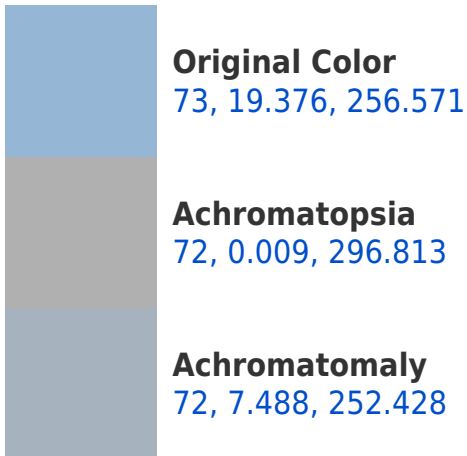


Tritanopia
73, 15.228, 231.089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.376, 256.571 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(149, 183, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 213)  
}
```

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(149, 183, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.376, 256.571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

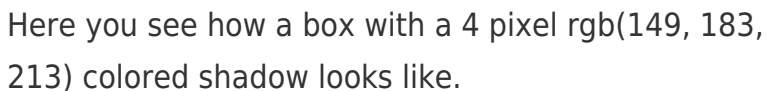
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 183, 213) }
```

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

```
.border{ border-color:rgb(149, 183, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 183, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 183, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 183, 213); box-shadow:4px 4px 4px 4px rgb(149, 183, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.376, 256.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 213) }
```

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

```
.background{ background-color: rgb(149,  
183, 213) }
```

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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