

Converting Colors

CIELCh(73, 25.671, 266.383)

Have a look what the booklet for
CIELCh(73, 25.671, 266.383)
contains.

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Color

CIELCh(73, 25.879, 267.182)

Conversions

Conversions Part 1

Format	Color
Hex	93B6E2
RGB	147, 182, 226
RGB Percent	58%, 71%, 89%
CMY	0.4234, 0.2862, 0.1136
CMYK	0.35, 0.19, 0.00, 0.11
HSL	213°, 58%, 73%
HSV	213°, 35%, 89%
XYZ	42.5017, 45.1644, 78.4480
YIQ	176.5510, -34.9840, 6.2640

Conversions

Conversions Part 2

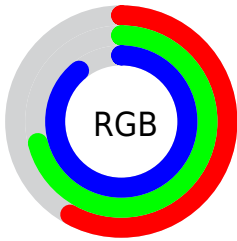
Format	Color
RYB	147, 171, 226
Decimal	9680610
CIELab	73.00, -1.27, -25.85
CIELCh	73, 25.879, 267.182
Yxy	45.1644, 0.2559, 0.2719
Android (android.graphics.Color)	4287870690 (0xFF93B6E2)
YUV	176.5510, 24.3784, -25.9162
Hunter-Lab	67.2044, -4.7201, -22.1663

Details

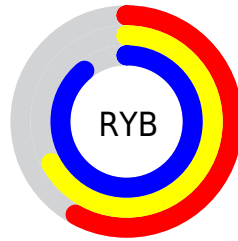
The CIELCh color **73, 25.879, 267.182** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 27.591, 76.747**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.289, 236.973**, and **53, 26.254, 267.668** is the 20% darker color. If you saturate the color by 10%, you get **68, 33.232, 269.572**, and if you desaturate by 10%, it is **78, 18.495, 265.158**.

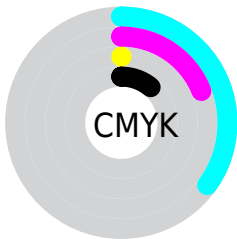
Distribution



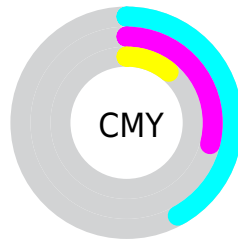
- Red (58%)
- Green (71%)
- Blue (89%)



- Red (58%)
- Yellow (67%)
- Blue (89%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 25.879, 267.182 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, 25.879, 267.182 by changing the saturation by 10% instead.

■ 73, 25.879,
267.182

■ 73, 25.879,
267.182

■ 100, 25.879,
267.182

■ 63, 25.879,
267.182

■ 93, 25.879,
267.182

■ 53, 25.879,
267.182

■ 43, 25.879,
267.182

■ 33, 25.879,
267.182

■ 23, 25.879,
267.182

■ 13, 25.879,
267.182

■ 3, 25.879, 267.182

0, 25.879, 267.182

73, 25.879,
267.182

73, 25.879,
267.182

68, 33.232,
269.572

78, 18.495,
265.158

64, 40.567,
272.381

83, 11.089,
263.453

59, 47.916,
275.640

87, 3.676, 262.059

92, 3.728, 80.623

55, 55.338,
279.340

97, 10.309, 88.628

51, 62.910,
283.404

99, 14.659,
109.070

47, 70.689,
287.666

■ 45,74.708,
289.749

Harmonies

Complementary

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



73, 25.879, 267.182



79, 27.591, 76.747

Rectangle

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



73, 25.879, 267.182



73, 25.879, 317.182



73, 25.879, 87.182



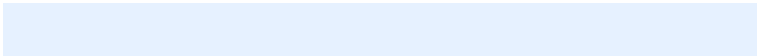
73, 25.879, 137.182

Sweetspot

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



73, 25.878, 267.181



95, 8.182, 262.727



84, 33.342, 162.986



50, 5.582, 262.930



0, 0.000, 0.000



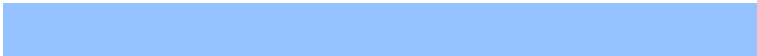
53, 0.007, 296.813

Same Dimension

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



73, 25.878, 267.181



78, 34.256, 268.894



64, 44.124, 296.245



45, 4.188, 262.639



35, 60.884, 289.007



7, 20.793, 279.878

Inverse Universe

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



70, 35.091, 350.450



74, 46.467, 351.466



88, 40.426, 109.035



44, 5.536, 347.622



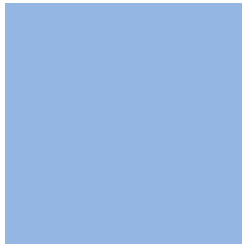
37, 63.917, 7.295



6, 25.948, 358.839

Previews

White Background



This preview shows how the CIELCh color 73, 25.879, 267.182 looks on a white background.

Color Contrast Check

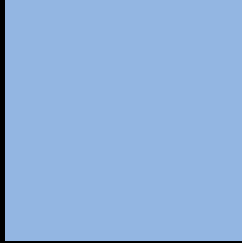
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 25.879, 267.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

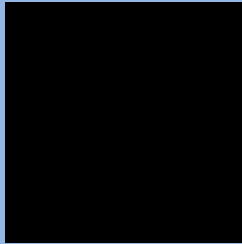
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

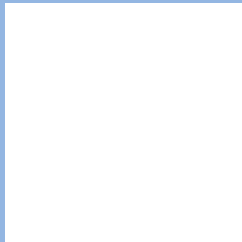
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 25.879, 267.182

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.879, 267.182.



This preview shows how white text looks on a background with the CIELCh color 73, 25.879, 267.182.

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](#).

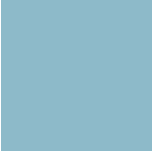
Dichromacy



Original Color
73, 25.879, 267.182

Protanopia
73, 24.552, 285.548

Deuteranopia
73, 28.279, 290.203



Tritanopia
73, 16.802, 227.601

Trichromacy



Original Color
73, 25.879, 267.182

Protanomaly
73, 24.478, 277.822

Deuteranomaly
73, 26.944, 281.649

Tritanomaly
73, 18.909, 244.847

Monochromacy



Original Color
73, 25.879, 267.182

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.734, 262.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.879, 267.182 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(147, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 182, 226)  
}
```

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(147, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.879, 267.182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

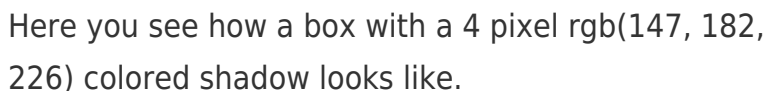
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 182, 226) }
```

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

```
.border{ border-color:rgb(147, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(147, 182,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.879, 267.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 182, 226) }
```

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

```
.background{ background-color: rgb(147,  
182, 226) }
```

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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