

Converting Colors

CIELCh(73, 28.009, 251.876)

Have a look what the booklet for
CIELCh(73, 28.009, 251.876)
contains.

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Color

CIELCh(73, 27.919, 251.942)

Conversions

Conversions Part 1

Format	Color
Hex	7EBAE3
RGB	126, 186, 227
RGB Percent	49%, 73%, 89%
CMY	0.5054, 0.2701, 0.1093
CMYK	0.44, 0.18, 0.00, 0.11
HSL	204°, 64%, 69%
HSV	204°, 44%, 89%
XYZ	40.0872, 45.1644, 79.3652
YIQ	172.7340, -48.9210, 0.0310

Conversions

Conversions Part 2

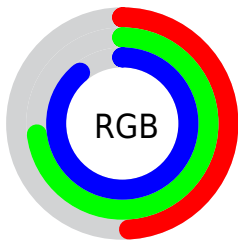
Format	Color
RYB	126, 164, 227
Decimal	8305379
CIELab	73.00, -8.65, -26.54
CIELCh	73, 27.919, 251.942
Yxy	45.1644, 0.2435, 0.2744
Android (android.graphics.Color)	4286495459 (0xFF7EBAE3)
YUV	172.7340, 26.7531, -40.9857
Hunter-Lab	67.2044, -11.1333, -22.9755

Details

The CIELCh color **73, 27.919, 251.942** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73, 34.410, 60.142**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.853, 218.231**, and **53, 27.659, 251.559** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.407, 254.656**, and if you desaturate by 10%, it is **77, 22.094, 249.707**.

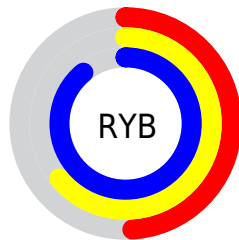
Distribution



Red (49%)

Green (73%)

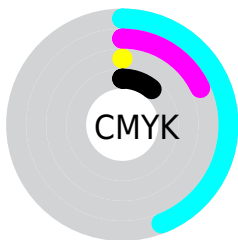
Blue (89%)



Red (49%)

Yellow (64%)

Blue (89%)

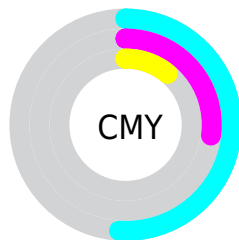


Cyan (44%)

Magenta (18%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.919, 251.942 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, 27.919, 251.942 by changing the saturation by 10% instead.

■ 73, 27.919,
251.942

■ 73, 27.919,
251.942

■ 100, 27.919,
251.942

■ 63, 27.919,
251.942

■ 93, 27.919,
251.942

■ 53, 27.919,
251.942

■ 43, 27.919,
251.942

■ 33, 27.919,
251.942

■ 23, 27.919,
251.942

■ 13, 27.919,
251.942

■ 3, 27.919, 251.942

0, 27.919, 251.942

73, 27.919,
251.942

73, 27.919,
251.942

69, 33.407,
254.656

77, 22.094,
249.707

66, 38.555,
257.923

81, 15.969,
247.878

63, 43.402,
261.786

85, 9.588, 246.390

59, 48.045,
266.230

88, 3.002, 245.258


56, 52.636,
271.142

93, 3.739, 63.938

55, 55.243,
273.891

96, 8.811, 75.480

98, 12.044,
101.728

 99, 14.106,
109.112

Harmonies

Complementary

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



73, 27.919, 251.942



73, 34.410, 60.142

Rectangle

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



73, 27.919, 251.942



73, 27.919, 301.942



73, 27.919, 71.942



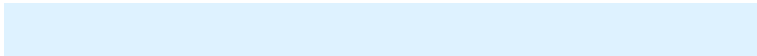
73, 27.919, 121.942

Sweetspot

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



73, 27.918, 251.941



94, 9.481, 246.208



83, 47.549, 154.330



49, 6.614, 246.502



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, 27.918, 251.941



78, 35.804, 254.323



60, 51.330, 292.465



46, 3.822, 245.764



44, 45.539, 273.028



10, 16.919, 263.627

Inverse Universe

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



66, 48.632, 342.922



69, 62.662, 344.002



86, 46.698, 101.041



45, 6.244, 339.595



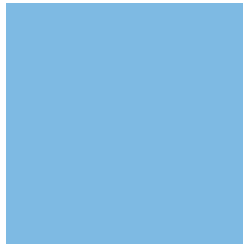
39, 66.724, 353.326



7, 28.766, 348.186

Previews

White Background



This preview shows how the CIELCh color 73, 27.919, 251.942 looks on a white background.

Color Contrast Check

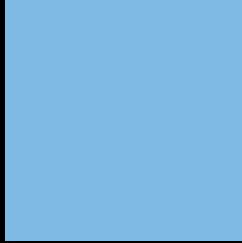
Large Text (above 18pt) WCAG AA × Fail

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, 27.919, 251.942 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

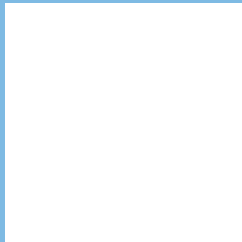
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 27.919, 251.942

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.919, 251.942.

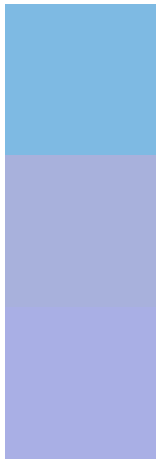


This preview shows how white text looks on a background with the CIELCh color 73, 27.919, 251.942.

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, 27.919, 251.942

Protanopia
73, 23.480, 285.092

Deuteranopia
73, 29.382, 289.161



Tritanopia
73, 23.199, 218.600

Trichromacy



Original Color
73, 27.919, 251.942

Protanomaly
73, 24.604, 271.749

Deuteranomaly
73, 27.564, 275.318

Tritanomaly
73, 23.990, 231.262

Monochromacy



Original Color
73, 27.919, 251.942

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.054, 246.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.919, 251.942 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(126, 186, 227)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 227)  
}
```

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(126, 186, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.919, 251.942 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(126, 186, 227) }
```

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

```
.border{ border-color:rgb(126, 186, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 186, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 186, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 186, 227); box-shadow:4px 4px 4px 4px rgb(126, 186, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.919, 251.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 227) }
```

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

```
.background{ background-color: rgb(126,  
186, 227) }
```

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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