

Converting Colors

CIELCh(73, 21.614, 264.260)

Have a look what the booklet for
CIELCh(73, 21.614, 264.260)
contains.

CIELCh(73, 21.631, 264.286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 21.631, 264.286)

Conversions

Conversions Part 1

Format	Color
Hex	97B6DA
RGB	151, 182, 218
RGB Percent	59%, 71%, 85%
CMY	0.4074, 0.2858, 0.1446
CMYK	0.31, 0.17, 0.00, 0.14
HSL	212°, 48%, 72%
HSV	212°, 31%, 86%
XYZ	42.2085, 45.1644, 72.9078
YIQ	176.8350, -30.0320, 4.6240

Conversions

Conversions Part 2

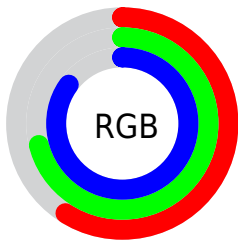
Format	Color
RYB	151, 172, 218
Decimal	9942746
CIELab	73.00, -2.15, -21.52
CIElCh	73, 21.631, 264.286
Yxy	45.1644, 0.2633, 0.2818
Android (android.graphics.Color)	4288132826 (0xFF97B6DA)
YUV	176.8350, 20.2943, -22.6573
Hunter-Lab	67.2044, -5.4990, -17.2786

Details

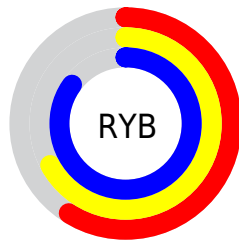
The CIELCh color **73, 21.631, 264.286** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 23.096, 75.393**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.319, 240.366**, and **53, 21.724, 264.629** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.572, 266.510**, and if you desaturate by 10%, it is **78, 14.629, 262.408**.

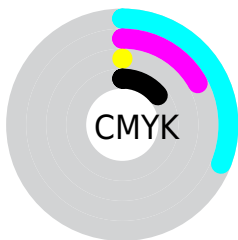
Distribution



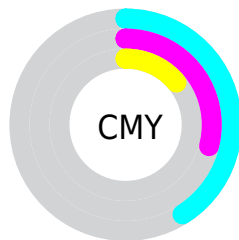
- Red (59%)
- Green (71%)
- Blue (85%)



- Red (59%)
- Yellow (67%)
- Blue (85%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)





- Cyan (41%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 21.631, 264.286 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, 21.631, 264.286 by changing the saturation by 10% instead.


 73, 21.631,
264.286

 73, 21.631,
264.286


 100, 21.631,
264.286


 63, 21.631,
264.286


 93, 21.631,
264.286

 53, 21.631,
264.286

 43, 21.631,
264.286

 33, 21.631,
264.286

 23, 21.631,
264.286

 13, 21.631,
264.286

 3, 21.631, 264.286

0, 21.631, 264.286

73, 21.631,
264.286

73, 21.631,
264.286

69, 28.572,
266.510

78, 14.629,
262.408

64, 35.453,
269.142

82, 7.585, 260.837

60, 42.290,
272.224

87, 0.516, 260.137

91, 6.557, 78.225

56, 49.128,
275.771

96, 12.687, 84.695

52, 56.041,
279.747

99, 17.407,
105.750

48, 63.112,
284.031

99, 18.644,
108.767

■ 45, 69.878,
288.022

Harmonies

Complementary

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



73, 21.631, 264.286



78, 23.096, 75.393

Rectangle

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



73, 21.631, 264.286



73, 21.631, 314.286



73, 21.631, 84.286



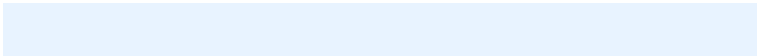
73, 21.631, 134.286

Sweetspot

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



73, 21.630, 264.284



95, 7.232, 260.609



82, 28.990, 162.561



50, 5.024, 260.813



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, 21.630, 264.284



81, 29.507, 265.713



65, 37.324, 295.071



44, 4.036, 260.658



36, 57.941, 287.304



7, 19.175, 277.227

Inverse Universe

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



70, 30.246, 348.714



77, 41.403, 349.539



86, 34.626, 108.679



43, 5.501, 346.480



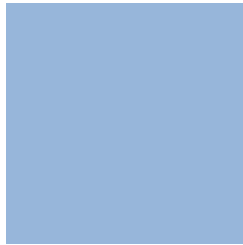
37, 63.243, 5.341



6, 24.727, 357.112

Previews

White Background



This preview shows how the CIE LCh color 73, 21.631, 264.286 looks on a white background.

Color Contrast Check

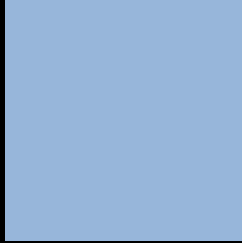
Large Text (above 18pt) WCAG AA × Fail

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, 21.631, 264.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

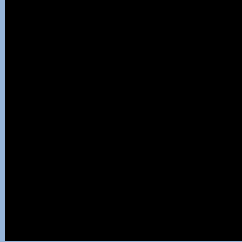
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

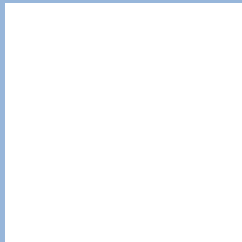
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 21.631, 264.286

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.631, 264.286.



This preview shows how white text looks on a background with the CIELCh color 73, 21.631, 264.286.

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, 21.631, 264.286

Protanopia

73, 20.704, 286.529

Deuteranopia

73, 24.488, 293.284



Tritanopia
73, 14.966, 231.747

Trichromacy



Original Color
73, 21.631, 264.286

Protanomaly
73, 20.560, 278.006

Deuteranomaly
73, 22.466, 282.927

Tritanomaly
73, 16.971, 246.453

Monochromacy



Original Color
73, 21.631, 264.286

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.004, 261.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.631, 264.286 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(151, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 218)  
}
```

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(151, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.631, 264.286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

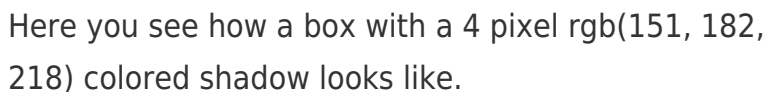
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 182, 218) }
```

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

```
.border{ border-color:rgb(151, 182, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 182, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 182, 218); box-shadow:4px 4px 4px 4px rgb(151, 182, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.631, 264.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 218) }
```

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

```
.background{ background-color: rgb(151,  
182, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor