

Converting Colors

CIELCh(73, 17.069, 258.562)

Have a look what the booklet for
CIELCh(73, 17.069, 258.562)
contains.

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Color

CIELCh(73, 16.953, 259.324)

Conversions

Conversions Part 1

Format	Color
Hex	9BB6D1
RGB	155, 182, 209
RGB Percent	61%, 71%, 82%
CMY	0.3912, 0.2853, 0.1794
CMYK	0.26, 0.13, 0.00, 0.18
HSL	210°, 37%, 71%
HSV	210°, 26%, 82%
XYZ	41.8817, 45.1644, 66.9951
YIQ	177.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

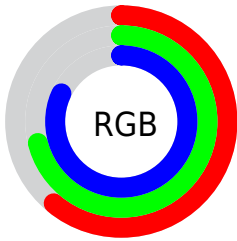
Format	Color
R _Y B	155, 173, 209
Decimal	10204881
CIE Lab	73.00, -3.14, -16.66
CIE LCh	73, 16.953, 259.324
Yxy	45.1644, 0.2719, 0.2932
Android (android.graphics.Color)	4288394961 (0xFF9BB6D1)
YUV	177.0050, 15.7735, -19.2984
Hunter-Lab	67.2044, -6.3669, -12.0622

Details

The CIELCh color **73, 16.953, 259.324** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 18.181, 72.218**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.618, 243.269**, and **53, 17.172, 260.704** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.352, 261.348**, and if you desaturate by 10%, it is **77, 10.446, 257.626**.

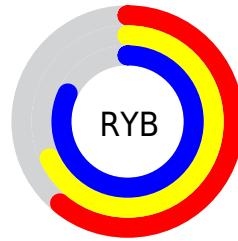
Distribution



Red (61%)

Green (71%)

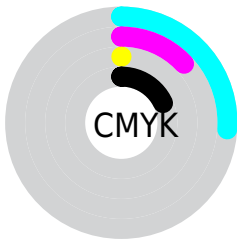
Blue (82%)



Red (61%)

Yellow (68%)

Blue (82%)

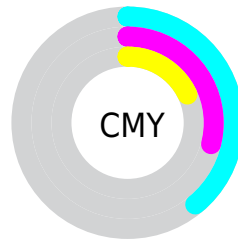


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (39%)


Magenta (29%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.953, 259.324 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, 16.953, 259.324 by changing the saturation by 10% instead.


 73, 16.953,
259.324


 73, 16.953,
259.324


 100, 16.953,
259.324


 63, 16.953,
259.324


 93, 16.953,
259.324

 53, 16.953,
259.324

 43, 16.953,
259.324

 33, 16.953,
259.324

 23, 16.953,
259.324

 13, 16.953,
259.324

 3, 16.953, 259.324

0, 16.953, 259.324

73, 16.953,
259.324

73, 16.953,
259.324

69, 23.352,
261.348

77, 10.446,
257.626

65, 29.630,
263.765

81, 3.861, 256.248

61, 35.781,
266.628

86, 2.779, 74.793

90, 9.448, 73.850

57, 41.829,
269.981

94, 15.089, 78.623

53, 47.831,
273.825

96, 18.583, 97.175

99, 23.104,
108.427

50, 53.876,
278.097

■ 46, 60.065,
282.639

■ 45, 62.737,
284.477

Harmonies

Complementary

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



73, 16.953, 259.324



76, 18.181, 72.218

Rectangle

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



73, 16.953, 259.324



73, 16.953, 309.324



73, 16.953, 79.324



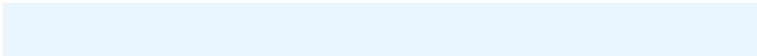
73, 16.953, 129.324

Sweetspot

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



73, 16.952, 259.320



96, 6.232, 256.528



80, 24.268, 161.319



51, 4.425, 256.728



0, 0.000, 0.000



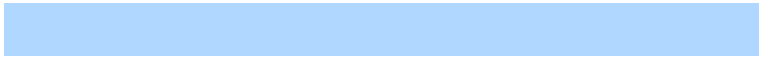
53, 0.007, 296.813

Same Dimension

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



73, 16.952, 259.320



85, 23.813, 260.400



66, 29.991, 293.238



42, 3.760, 256.701



36, 52.544, 283.732



6, 16.206, 272.047

Inverse Universe

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



70, 25.057, 345.986



80, 35.413, 346.591



83, 28.210, 107.685



41, 5.421, 344.390



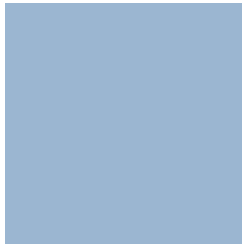
36, 62.118, 1.675



5, 21.812, 353.945

Previews

White Background



This preview shows how the CIELCh color 73, 16.953, 259.324 looks on a white background.

Color Contrast Check

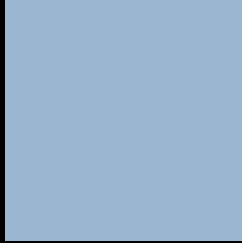
Large Text (above 18pt) WCAG AA × Fail

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, 16.953, 259.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

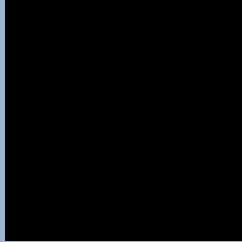
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

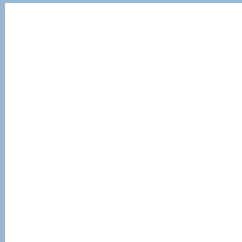
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.953, 259.324

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.953, 259.324.



This preview shows how white text looks on a background with the CIELCh color 73, 16.953, 259.324.

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, 13.167, 237.162

Trichromacy



Original Color
73, 16.953, 259.324

Protanomaly
73, 15.650, 276.385

Deuteranomaly
73, 17.455, 285.070

Tritanomaly
73, 14.410, 248.074

Monochromacy



Original Color
73, 16.953, 259.324

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.455, 256.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.953, 259.324 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(155, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 209)  
}
```

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(155, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.953, 259.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

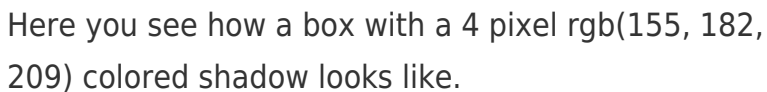
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 182, 209) }
```

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

```
.border{ border-color:rgb(155, 182, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 182, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 182, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 182,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.953, 259.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 209) }
```

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

```
.background{ background-color: rgb(155,  
182, 209) }
```

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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