

Converting Colors

CIELCh(73, 11.638, 257.512)

Have a look what the booklet for
CIELCh(73, 11.638, 257.512)
contains.

CIELCh(73, 11.909, 259.512)	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, 11.909, 259.512)

Conversions

Conversions Part 1

Format	Color
Hex	A3B5C8
RGB	163, 181, 200
RGB Percent	64%, 71%, 78%
CMY	0.3597, 0.2891, 0.2145
CMYK	0.18, 0.09, 0.00, 0.21
HSL	211°, 25%, 71%
HSV	211°, 18%, 79%
XYZ	42.2038, 45.1644, 61.3157
YIQ	177.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

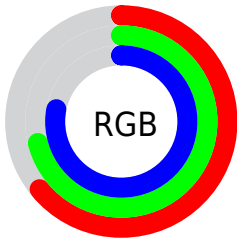
Format	Color
R _Y B	163, 175, 200
Decimal	10728904
CIE Lab	73.00, -2.17, -11.71
CIE LCh	73, 11.909, 259.512
Yxy	45.1644, 0.2838, 0.3038
Android (android.graphics.Color)	4288918984 (0xFFA3B5C8)
YUV	177.7840, 10.9525, -12.9656
Hunter-Lab	67.2044, -5.5115, -7.0516

Details

The CIELCh color $73, 11.909, 259.512$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 12.443, 74.551$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.137, 255.953$, and $53, 11.921, 260.430$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.263, 261.287$, and if you desaturate by 10%, it is $77, 5.486, 258.028$.

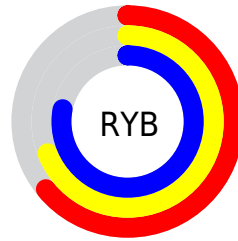
Distribution



Red (64%)

Green (71%)

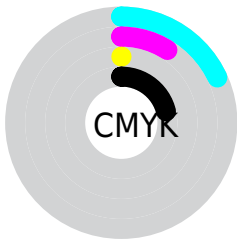
Blue (78%)



Red (64%)

Yellow (69%)

Blue (78%)

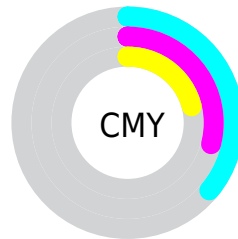


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (36%)


Magenta (29%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.909, 259.512 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, 11.909, 259.512 by changing the saturation by 10% instead.


 73, 11.909,
259.512


 73, 11.909,
259.512


 100, 11.909,
259.512


 63, 11.909,
259.512


 93, 11.909,
259.512

 53, 11.909,
259.512

 43, 11.909,
259.512

 33, 11.909,
259.512

 23, 11.909,
259.512

 13, 11.909,
259.512

 3, 11.909, 259.512

0, 11.909, 259.512

73, 11.909,
259.512

73, 11.909,
259.512

69, 18.263,
261.287

77, 5.486, 258.028

65, 24.531,
263.409

81, 0.979, 76.315

61, 30.701,
265.928

86, 7.466, 75.538

57, 36.779,
268.897

90, 13.955, 74.620

53, 42.796,
272.346

93, 18.709, 81.927

50, 48.816,
276.261

96, 22.225, 96.664

98, 26.767,
106.748

99, 27.588,

■ 46, 54.924,
280.554

108.082

■ 43, 61.214,
284.994

■ 42, 62.198,
285.631

Harmonies

Complementary

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



73, 11.909, 259.512



75, 12.443, 74.551

Rectangle

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



73, 11.909, 259.512



73, 11.909, 309.512



73, 11.909, 79.512



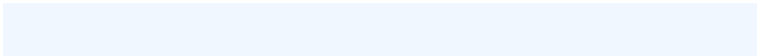
73, 11.909, 129.512

Sweetspot

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



73, 11.908, 259.505



97, 4.730, 257.728



78, 16.821, 162.064



51, 3.136, 257.808



0, 0.000, 0.000



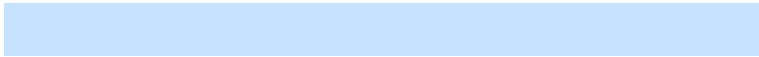
53, 0.007, 296.813

Same Dimension

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



73, 11.908, 259.505



89, 17.218, 260.152



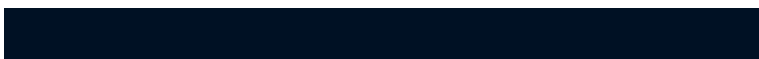
68, 20.402, 292.227



40, 3.648, 258.148



35, 52.630, 284.918



5, 14.238, 271.444

Inverse Universe

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



71, 17.067, 345.992



86, 24.806, 346.378



80, 19.557, 108.399



39, 5.155, 345.126



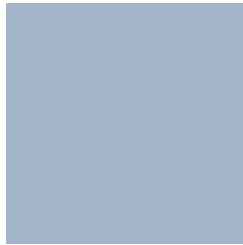
35, 60.613, 2.832



4, 17.729, 353.802

Previews

White Background



This preview shows how the CIELCh color 73, 11.909, 259.512 looks on a white background.

Color Contrast Check

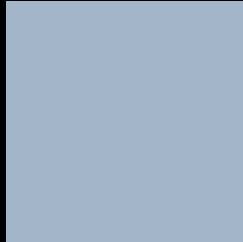
Large Text (above 18pt) WCAG AA × Fail

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, 11.909, 259.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

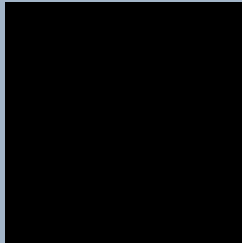
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

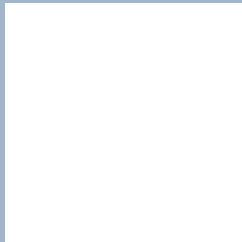
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.909, 259.512

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.909, 259.512.



This preview shows how white text looks on a background with the CIELCh color 73, 11.909, 259.512.

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

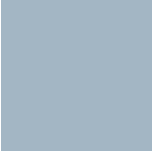
73, 11.909, 259.512

Protanopia

73, 10.877, 287.481

Deuteranopia

73, 15.889, 307.217



Tritanopia
73, 9.968, 248.951

Trichromacy



Original Color
73, 11.909, 259.512

Protanomaly
73, 11.160, 276.609

Deuteranomaly
73, 13.060, 292.982

Tritanomaly
73, 10.776, 253.029

Monochromacy



Original Color
73, 11.909, 259.512

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.354, 260.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.909, 259.512 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(163, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 200)  
}
```

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(163, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.909, 259.512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

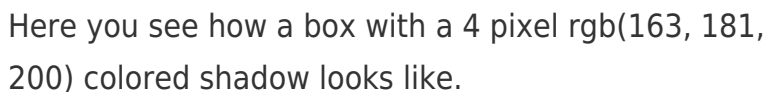
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 181, 200) }
```

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

```
.border{ border-color:rgb(163, 181, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 181, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 181, 200); box-shadow:4px 4px 4px 4px rgb(163, 181, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.909, 259.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 200) }
```

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

```
.background{ background-color: rgb(163,  
181, 200) }
```

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