

Converting Colors

CIELCh(73, 15.524, 229.501)

Have a look what the booklet for
CIELCh(73, 15.524, 229.501)
contains.

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Color

CIELCh(73, 15.524, 227.977)

Conversions

Conversions Part 1

Format	Color
Hex	91BAC8
RGB	145, 186, 200
RGB Percent	57%, 73%, 78%
CMY	0.4324, 0.2716, 0.2167
CMYK	0.28, 0.07, 0.00, 0.22
HSL	195°, 33%, 68%
HSV	195°, 28%, 78%
XYZ	39.5324, 45.1644, 61.1180
YIQ	175.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

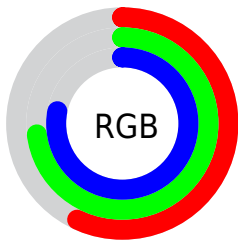
Format	Color
RYB	145, 168, 200
Decimal	9550536
CIELab	73.00, -10.39, -11.53
CIELCh	73, 15.524, 227.977
Yxy	45.1644, 0.2711, 0.3097
Android (android.graphics.Color)	4287740616 (0xFF91BAC8)
YUV	175.3370, 12.1589, -26.6055
Hunter-Lab	67.2044, -12.6069, -6.8773

Details

The CIELCh color **73, 15.524, 227.977** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 18.526, 44.911**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.155, 225.051**, and **53, 15.447, 227.574** is the 20% darker color. If you saturate the color by 10%, you get **70, 20.435, 229.140**, and if you desaturate by 10%, it is **76, 10.179, 227.090**.

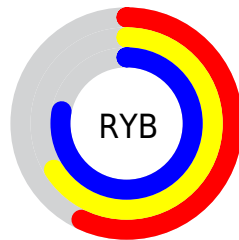
Distribution



Red (57%)

Green (73%)

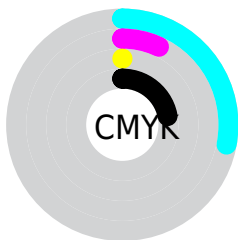
Blue (78%)



Red (57%)

Yellow (66%)

Blue (78%)

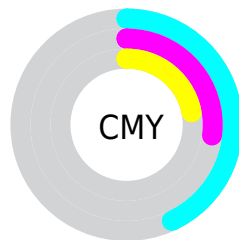


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (43%)


Magenta (27%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.524, 227.977 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, 15.524, 227.977 by changing the saturation by 10% instead.


 73, 15.524,
227.977


 73, 15.524,
227.977


 100, 15.524,
227.977


 63, 15.524,
227.977


 93, 15.524,
227.977

 53, 15.524,
227.977

 43, 15.524,
227.977

 33, 15.524,
227.977

 23, 15.524,
227.977

 13, 15.524,
227.977

 3, 15.524, 227.977

0, 15.524, 227.977

73, 15.524,
227.977

73, 15.524,
227.977

70, 20.435,
229.140

76, 10.179,
227.090

68, 24.832,
230.658

78, 4.482, 226.474

66, 28.645,
232.608

81, 1.495, 45.494

84, 7.686, 45.399

64, 31.829,
235.081

87, 14.037, 45.156

62, 34.382,
238.166

89, 17.145, 50.025

90, 17.080, 60.591

60, 36.365,
241.929

92, 17.597, 70.853

■ 58, 37.933,
246.341

■ 93, 18.645, 80.208

■ 58, 38.319,
247.449

Harmonies

Complementary

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



73, 15.524, 227.977



69, 18.526, 44.911

Rectangle

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



73, 15.524, 227.977



73, 15.524, 277.977



73, 15.524, 47.977



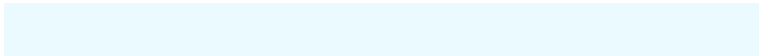
73, 15.524, 97.977

Sweetspot

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



73, 15.524, 227.972



97, 5.797, 226.500



76, 30.198, 150.235



51, 4.106, 226.577



0, 0.000, 0.000



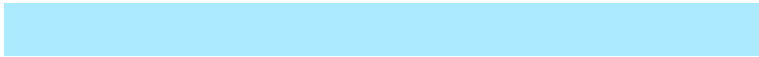
53, 0.007, 296.813

Same Dimension

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



73, 15.524, 227.972



89, 22.237, 228.628



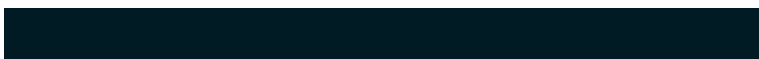
66, 23.200, 281.169



41, 3.349, 226.563



48, 32.842, 246.687



8, 11.152, 236.400

Inverse Universe

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



66, 30.312, 334.369



80, 44.222, 334.810



76, 22.762, 93.899



39, 6.181, 333.086



36, 68.253, 341.503



4, 21.392, 337.898

Previews

White Background



This preview shows how the CIELCh color 73, 15.524, 227.977 looks on a white background.

Color Contrast Check

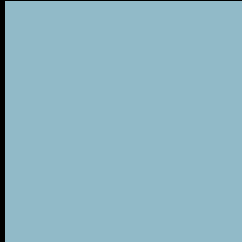
Large Text (above 18pt) WCAG AA × Fail

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, 15.524, 227.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

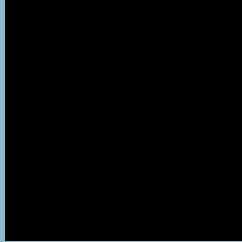
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

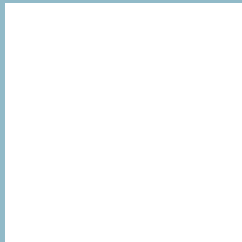
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.524, 227.977

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.524, 227.977.

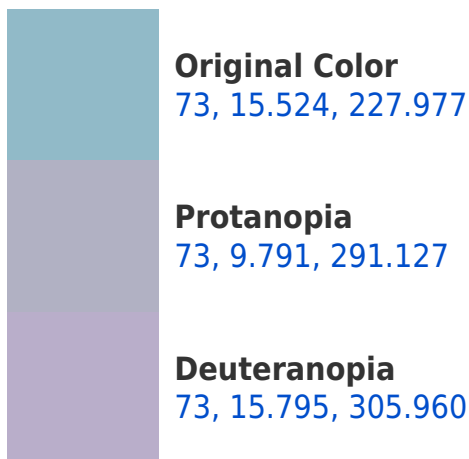


This preview shows how white text looks on a background with the CIELCh color 73, 15.524, 227.977.

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, 15.524, 227.977

Trichromacy



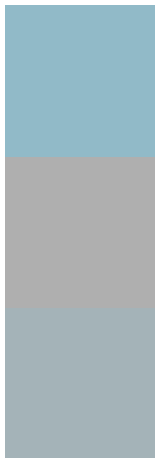
Original Color
73, 15.524, 227.977

Protanomaly
73, 10.509, 261.025

Deuteranomaly
73, 12.749, 278.709

Tritanomaly
73, 15.524, 227.977

Monochromacy



Original Color
73, 15.524, 227.977

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.012, 226.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.524, 227.977 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(145, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 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(145, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.524, 227.977 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(145, 186, 200) }
```

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

```
.border{ border-color:rgb(145, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(145, 186,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.524, 227.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 200) }
```

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

```
.background{ background-color: rgb(145,  
186, 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](#).

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