

Converting Colors

CIELCh(73, 16.091, 166.470)

Have a look what the booklet for
CIELCh(73, 16.091, 166.470)
contains.

CIELCh(73, 15.877, 167.282)	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, 15.877, 167.282)

Conversions

Conversions Part 1

Format	Color
Hex	96BBAC
RGB	150, 187, 172
RGB Percent	59%, 73%, 67%
CMY	0.4107, 0.2655, 0.3244
CMYK	0.20, 0.00, 0.08, 0.27
HSL	156°, 21%, 66%
HSV	156°, 20%, 73%
XYZ	37.9353, 45.1644, 45.8918
YIQ	174.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

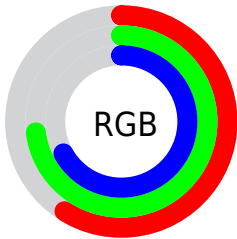
Format	Color
RYB	150, 173, 187
Decimal	9878444
CIELab	73.00, -15.49, 3.50
CIElCh	73, 15.877, 167.282
Yxy	45.1644, 0.2941, 0.3501
Android (android.graphics.Color)	4288068524 (0xFF96BBAC)
YUV	174.2270, -1.0979, -21.2471
Hunter-Lab	67.2044, -16.8488, 6.5559

Details

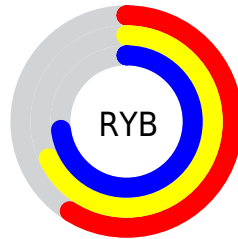
The CIELCh color $73, 15.877, 167.282$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $66, 16.486, 350.940$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 15.733, 166.737$, and $53, 15.830, 167.020$ is the 20% darker color. If you saturate the color by 10%, you get $72, 23.694, 166.213$, and if you desaturate by 10%, it is $74, 7.879, 168.268$.

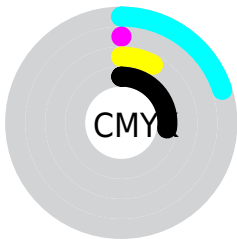
Distribution



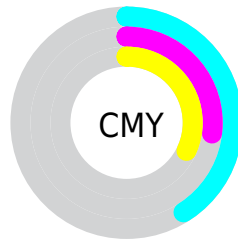
- Red (59%)
- Green (73%)
- Blue (67%)



- Red (59%)
- Yellow (68%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.877, 167.282 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, 15.877, 167.282 by changing the saturation by 10% instead.


 73, 15.877,
167.282


 73, 15.877,
167.282


 100, 15.877,
167.282


 63, 15.877,
167.282


 93, 15.877,
167.282

 53, 15.877,
167.282

 43, 15.877,
167.282

 33, 15.877,
167.282

 23, 15.877,
167.282

 13, 15.877,
167.282

 3, 15.877, 167.282

0, 15.877, 167.282

73, 15.877,
167.282

73, 15.877,
167.282

72, 23.694,
166.213

74, 7.879, 168.268

71, 31.203,
165.036

76, 0.198, 346.985

78, 8.265, 349.862

70, 38.271,
163.724

80, 16.253,
350.647

69, 44.768,
162.251

82, 24.113,
351.368

68, 50.582,
160.594

83, 29.419,
348.936

68, 55.641,
158.733

83, 31.517,
342.649

■ 67, 59.933,
156.663

■ 83, 33.971,
337.260

■ 67, 63.607,
154.459

■ 84, 36.707,
332.689

■ 67, 63.693,
154.409

Harmonies

Complementary

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



73, 15.877, 167.282



66, 16.486, 350.940

Rectangle

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



73, 15.877, 167.282



73, 15.877, 217.282



73, 15.877, 347.282



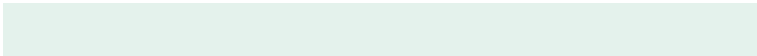
73, 15.877, 37.282

Sweetspot

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



73, 15.878, 167.279



94, 5.970, 168.632



74, 21.637, 131.067



51, 3.992, 168.565



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 15.878, 167.279



91, 23.680, 166.798



73, 11.983, 206.600



39, 4.602, 168.307



57, 55.855, 154.731



9, 15.501, 161.481

Inverse Universe

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



66, 16.486, 350.940



81, 24.807, 351.458



66, 13.684, 27.707



37, 4.687, 349.863



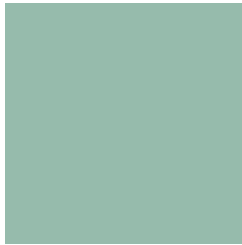
33, 59.217, 10.458



3, 13.322, 357.036

Previews

White Background



This preview shows how the CIELCh color 73, 15.877, 167.282 looks on a white background.

Color Contrast Check

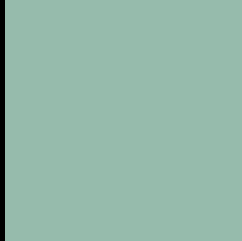
Large Text (above 18pt) WCAG AA × Fail

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, 15.877, 167.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

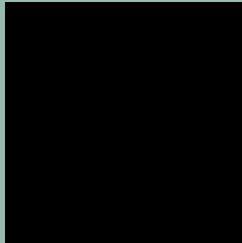
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

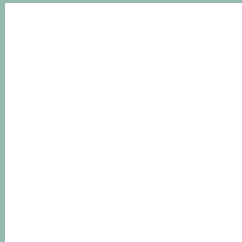
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.877, 167.282

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.877, 167.282.

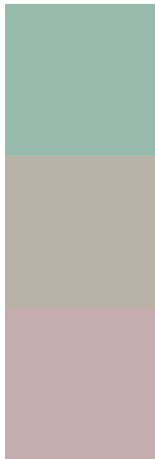


This preview shows how white text looks on a background with the CIELCh color 73, 15.877, 167.282.

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, 15.877, 167.282

Protanopia
73, 6.518, 85.166

Deuteranopia
73, 9.247, 13.460



Tritanopia
73, 12.427, 240.007

Trichromacy



Original Color
73, 15.877, 167.282

Protanomaly
73, 7.365, 137.034

Deuteranomaly
73, 2.281, 90.624

Tritanomaly
73, 11.388, 209.629

Monochromacy



Original Color
73, 15.877, 167.282

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.574, 169.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.877, 167.282 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(150, 187, 172)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 172)  
}
```

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(150, 187, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.877, 167.282 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(150, 187, 172) }
```

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

```
.border{ border-color:rgb(150, 187, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 187, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 187, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 187, 172);  
box-shadow:4px 4px 4px 4px rgb(150, 187,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.877, 167.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 187, 172) }
```

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

```
.background{ background-color: rgb(150,  
187, 172) }
```

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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