

Converting Colors

CIELCh(73, 13.706, 182.355)

Have a look what the booklet for
CIELCh(73, 13.706, 182.355)
contains.

CIELCh(73, 13.845, 182.346)	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, 13.845, 182.346)

Conversions

Conversions Part 1

Format	Color
Hex	96BBB4
RGB	150, 187, 180
RGB Percent	59%, 73%, 71%
CMY	0.4128, 0.2677, 0.2952
CMYK	0.20, 0.00, 0.04, 0.27
HSL	169°, 21%, 66%
HSV	169°, 20%, 73%
XYZ	38.4489, 45.1644, 49.7232
YIQ	175.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

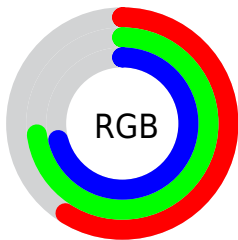
Format	Color
RYB	150, 170, 187
Decimal	9878452
CIELab	73.00, -13.83, -0.57
CIELCh	73, 13.845, 182.346
Yxy	45.1644, 0.2884, 0.3387
Android (android.graphics.Color)	4288068532 (0xFF96BBB4)
YUV	175.1390, 2.3965, -22.0469
Hunter-Lab	67.2044, -15.4846, 3.1756

Details

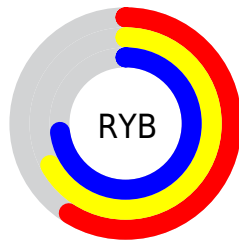
The CIELCh color **73, 13.845, 182.346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 15.026, 6.035**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 13.599, 183.106**, and **53, 14.176, 181.316** is the 20% darker color. If you saturate the color by 10%, you get **72, 20.387, 181.370**, and if you desaturate by 10%, it is **74, 6.968, 183.288**.

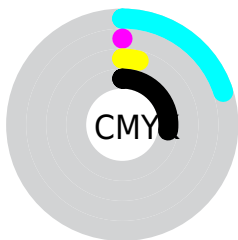
Distribution



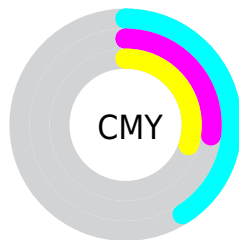
- Red (59%)
- Green (73%)
- Blue (71%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.845, 182.346 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, 13.845, 182.346 by changing the saturation by 10% instead.


 73, 13.845,
182.346


 73, 13.845,
182.346


 100, 13.845,
182.346


 63, 13.845,
182.346


 93, 13.845,
182.346

 53, 13.845,
182.346

 43, 13.845,
182.346

 33, 13.845,
182.346

 23, 13.845,
182.346

 13, 13.845,
182.346

 3, 13.845, 182.346

0, 13.845, 182.346

73, 13.845,
182.346

73, 13.845,
182.346

72, 20.387,
181.370

74, 6.968, 183.288

71, 26.475,
180.343

76, 0.139, 0.590

77, 7.384, 4.863

70, 31.991,
179.244

79, 14.689, 5.705

69, 36.827,
178.051

81, 21.993, 6.499

82, 26.743, 5.577

69, 40.899,
176.744

82, 27.146, 1.756

68, 44.165,
175.298

83, 27.675,
358.070

■ 68, 46.638,
173.695

■ 83, 28.321,
354.545

■ 68, 48.496,
171.968

■ 68, 48.530,
171.936

Harmonies

Complementary

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



73, 13.845, 182.346



66, 15.026, 6.035

Rectangle

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



73, 13.845, 182.346



73, 13.845, 232.346



73, 13.845, 2.346



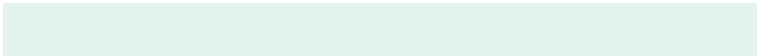
73, 13.845, 52.346

Sweetspot

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



73, 13.846, 182.341



94, 5.289, 183.658



73, 23.049, 137.846



51, 3.534, 183.590



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, 13.846, 182.341



92, 20.534, 181.902



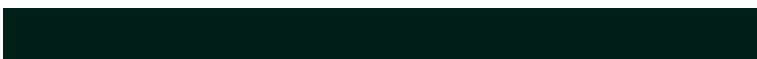
70, 10.776, 233.284



39, 4.062, 183.332



58, 42.782, 172.183



9, 13.037, 177.296

Inverse Universe

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



66, 15.026, 6.035



80, 22.744, 6.604



68, 12.061, 50.296



37, 4.219, 4.868



33, 65.067, 29.546



3, 12.503, 8.642

Previews

White Background



This preview shows how the CIELCh color 73, 13.845, 182.346 looks on a white background.

Color Contrast Check

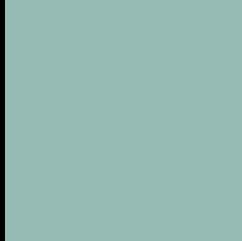
Large Text (above 18pt) WCAG AA × Fail

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, 13.845, 182.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

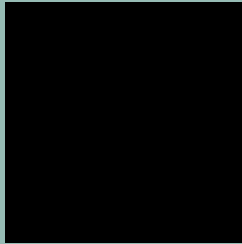
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 13.845, 182.346

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.845, 182.346.

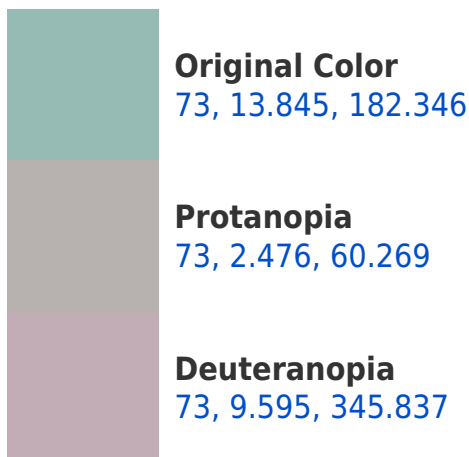


This preview shows how white text looks on a background with the CIELCh color 73, 13.845, 182.346.

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, 13.845, 182.346

Protanomaly
73, 4.322, 169.028

Deuteranomaly
73, 2.180, 290.416

Tritanomaly
73, 11.990, 217.163

Monochromacy



Original Color
73, 13.845, 182.346

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.930, 186.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.845, 182.346 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.845, 182.346 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, 180) }
```

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

```
.border{ border-color:rgb(150, 187, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 187, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 187, 180); box-shadow:4px 4px 4px 4px rgb(150, 187, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.845, 182.346 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, 180) }
```

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

```
.background{ background-color: rgb(150,  
187, 180) }
```

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