

Converting Colors

CIELCh(72, 22.202, 183.316)

Have a look what the booklet for
CIELCh(72, 22.202, 183.316)
contains.

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Color

CIELCh(72, 22.133, 183.343)

Conversions

Conversions Part 1

Format	Color
Hex	7EBCB2
RGB	126, 188, 178
RGB Percent	49%, 74%, 70%
CMY	0.5056, 0.2624, 0.3017
CMYK	0.33, 0.00, 0.05, 0.26
HSL	170°, 32%, 62%
HSV	170°, 33%, 74%
XYZ	34.6591, 43.6590, 48.7607
YIQ	168.3220, -33.7420, -16.2540

Conversions

Conversions Part 2

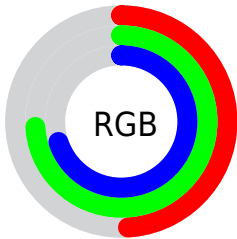
Format	Color
RYB	126, 160, 188
Decimal	8305842
CIELab	72.00, -22.10, -1.29
CIElCh	72, 22.133, 183.343
Yxy	43.6590, 0.2727, 0.3436
Android (android.graphics.Color)	4286495922 (0xFF7EBCB2)
YUV	168.3220, 4.7713, -37.1164
Hunter-Lab	66.0750, -22.0004, 2.4988

Details

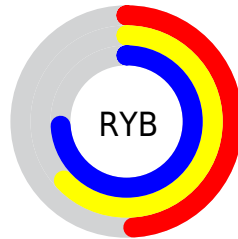
The CIELCh color **72, 22.133, 183.343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 25.823, 9.929**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.776, 184.191**, and **52, 22.363, 182.025** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.931, 182.353**, and if you desaturate by 10%, it is **73, 15.820, 184.280**.

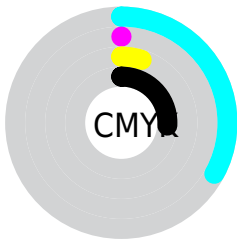
Distribution



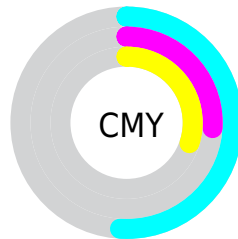
- Red (49%)
- Green (74%)
- Blue (70%)



- Red (49%)
- Yellow (63%)
- Blue (74%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)





- Cyan (51%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.133, 183.343 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 72, 22.133, 183.343 by changing the saturation by 10% instead.


 72, 22.133,
183.343


 72, 22.133,
183.343


 100, 22.133,
183.343


 62, 22.133,
183.343


 92, 22.133,
183.343

 52, 22.133,
183.343

 42, 22.133,
183.343

 32, 22.133,
183.343

 22, 22.133,
183.343

 12, 22.133,
183.343

 2, 22.133, 183.343

0, 22.133, 183.343

72, 22.133,
183.343

72, 22.133,
183.343

71, 27.931,
182.353

73, 15.820,
184.280

70, 33.098,
181.300

74, 9.110, 185.192

70, 37.533,
180.164

76, 2.113, 186.229

77, 5.072, 6.723

69, 41.168,
178.923

79, 12.359, 7.585

69, 43.980,
177.555

81, 19.683, 8.381

83, 25.959, 8.534

68, 46.007,
176.043

83, 26.216, 5.107

■ 68, 47.116,
174.926

■ 83, 26.571, 1.763

Harmonies

Complementary

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



72, 22.133, 183.343



59, 25.823, 9.929

Rectangle

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



72, 22.133, 183.343



72, 22.133, 233.343



72, 22.133, 3.343



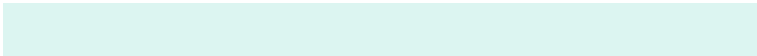
72, 22.133, 53.343

Sweetspot

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



72, 22.134, 183.340



95, 8.742, 185.450



71, 38.959, 137.967



50, 5.949, 185.320



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 22.134, 183.340



90, 32.472, 182.586



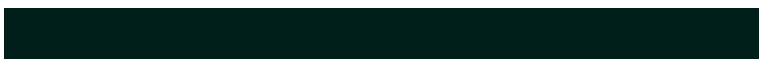
66, 17.526, 239.562



39, 4.015, 185.526



58, 41.328, 175.160



9, 12.773, 179.885

Inverse Universe

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



59, 25.823, 9.929



71, 39.431, 11.200



64, 21.087, 53.281



37, 4.182, 7.015



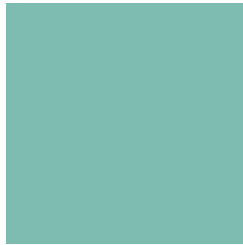
33, 66.264, 31.532



3, 12.439, 10.195

Previews

White Background



This preview shows how the CIELCh color 72, 22.133, 183.343 looks on a white background.

Color Contrast Check

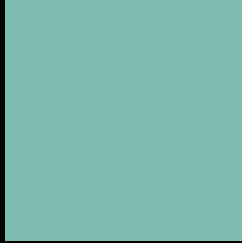
Large Text (above 18pt) WCAG AA × Fail

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 72, 22.133, 183.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

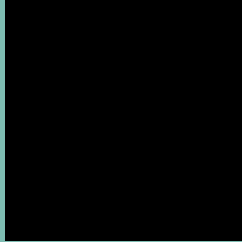
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 22.133, 183.343

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.133, 183.343.

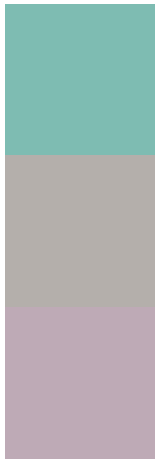


This preview shows how white text looks on a background with the CIELCh color 72, 22.133, 183.343.

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
72, 22.133, 183.343

Protanopia
72, 2.869, 68.486

Deuteranopia
72, 9.976, 339.389



Tritanopia
72, 19.171, 223.590

Trichromacy



Original Color
72, 22.133, 183.343

Protanomaly
72, 8.108, 174.997

Deuteranomaly
72, 4.220, 230.415

Tritanomaly
72, 19.149, 207.886

Monochromacy



Original Color
72, 22.133, 183.343

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.253, 187.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.133, 183.343 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(126, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(126, 188, 178)  
}
```

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(126, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 188, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.133, 183.343 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(126, 188, 178) }
```

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

```
.border{ border-color:rgb(126, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(126, 188,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.133, 183.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 188, 178) }
```

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

```
.background{ background-color: rgb(126,  
188, 178) }
```

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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