

Converting Colors

CIELCh(72, 16.583, 186.672)

Have a look what the booklet for
CIELCh(72, 16.583, 186.672)
contains.

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Color

CIELCh(72, 16.583, 186.672)

Conversions

Conversions Part 1

Format	Color
Hex	8BB9B3
RGB	139, 185, 179
RGB Percent	55%, 73%, 70%
CMY	0.4534, 0.2729, 0.2965
CMYK	0.25, 0.00, 0.03, 0.27
HSL	172°, 25%, 64%
HSV	172°, 25%, 73%
XYZ	36.3222, 43.6590, 49.3713
YIQ	170.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

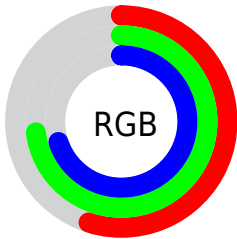
Format	Color
R_{YB}	139, 164, 185
Decimal	9157043
CIE _{Lab}	72.00, -16.47, -1.93
CIE _{LCh}	72, 16.583, 186.672
Yxy	43.6590, 0.2808, 0.3375
Android (android.graphics.Color)	4287347123 (0xFF8BB9B3)
YUV	170.5620, 4.1599, -27.6799
Hunter-Lab	66.0750, -17.5075, 1.9509

Details

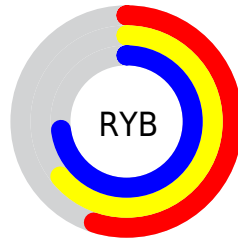
The CIELCh color **72, 16.583, 186.672** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 18.752, 11.154**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 16.617, 187.523**, and **52, 16.880, 185.696** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.599, 185.789**, and if you desaturate by 10%, it is **73, 10.130, 187.529**.

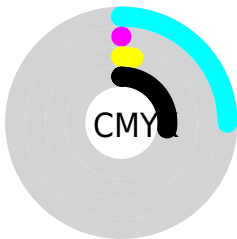
Distribution



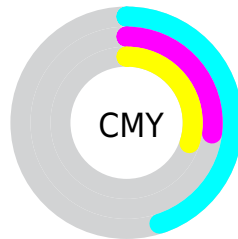
- Red (55%)
- Green (73%)
- Blue (70%)



- Red (55%)
- Yellow (64%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)





- Cyan (45%)
- Magenta (27%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.583, 186.672 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, 16.583, 186.672 by changing the saturation by 10% instead.


 72, 16.583,
186.672


 72, 16.583,
186.672


 100, 16.583,
186.672


 62, 16.583,
186.672


 92, 16.583,
186.672

 52, 16.583,
186.672

 42, 16.583,
186.672

 32, 16.583,
186.672

 22, 16.583,
186.672

 12, 16.583,
186.672

 2, 16.583, 186.672

0, 16.583, 186.672

72, 16.583,
186.672

72, 16.583,
186.672

71, 22.599,
185.789

73, 10.130,
187.529

70, 28.061,
184.876

75, 3.350, 188.447

69, 32.860,
183.913

76, 3.656, 8.960

78, 10.801, 9.832

69, 36.906,
182.884

80, 18.014, 10.616

68, 40.140,
181.770

81, 25.238, 11.373

82, 27.023, 9.506

68, 42.554,
180.551

82, 27.192, 6.861

■ 68, 44.201,
179.210

■ 82, 27.422, 4.257

■ 68, 44.888,
178.495

Harmonies

Complementary

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



72, 16.583, 186.672



63, 18.752, 11.154

Rectangle

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



72, 16.583, 186.672



72, 16.583, 236.672



72, 16.583, 6.672



72, 16.583, 56.672

Sweetspot

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



72, 16.584, 186.668



94, 6.029, 188.213



71, 29.335, 139.407



51, 3.945, 188.156



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, 16.584, 186.668



91, 24.523, 186.172



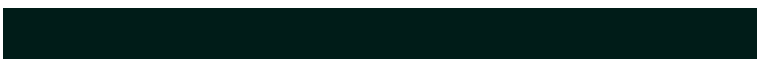
67, 13.462, 242.787



38, 3.881, 188.008



57, 39.345, 178.703



8, 11.097, 183.453

Inverse Universe

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



63, 18.752, 11.154



77, 28.606, 11.920



67, 15.206, 57.609



36, 4.056, 9.423



32, 66.762, 33.461



2, 10.760, 11.518

Previews

White Background



This preview shows how the CIELCh color 72, 16.583, 186.672 looks on a white background.

Color Contrast Check

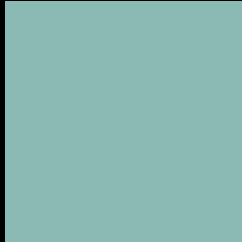
Large Text (above 18pt) WCAG AA × Fail

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 72, 16.583, 186.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

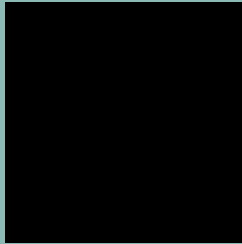
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

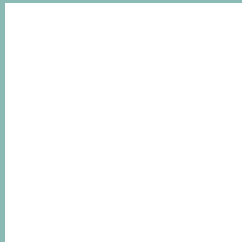
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.583, 186.672

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.583, 186.672.

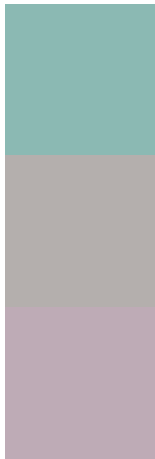


This preview shows how white text looks on a background with the CIELCh color 72, 16.583, 186.672.

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](#).

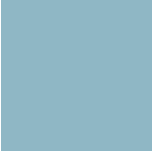
Dichromacy



Original Color
72, 16.583, 186.672

Protanopia
72, 2.168, 49.343

Deuteranopia
72, 9.334, 340.359



Tritanopia
72, 15.279, 228.606

Trichromacy



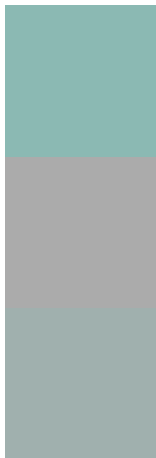
Original Color
72, 16.583, 186.672

Protanomaly
72, 5.648, 176.328

Deuteranomaly
72, 3.078, 261.915

Tritanomaly
72, 14.767, 213.396

Monochromacy



Original Color
72, 16.583, 186.672

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.009, 188.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.583, 186.672 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(139, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 179)  
}
```

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(139, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.583, 186.672 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(139, 185, 179) }
```

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

```
.border{ border-color:rgb(139, 185, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.583, 186.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 179) }
```

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

```
.background{ background-color: rgb(139,  
185, 179) }
```

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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