

Converting Colors

CIELCh(72, 16.166, 202.050)

Have a look what the booklet for
CIELCh(72, 16.166, 202.050)
contains.

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Color

CIELCh(72, 16.157, 202.058)

Conversions

Conversions Part 1

Format	Color
Hex	8AB9BB
RGB	138, 185, 187
RGB Percent	54%, 73%, 73%
CMY	0.4590, 0.2747, 0.2669
CMYK	0.26, 0.01, 0.00, 0.27
HSL	182°, 26%, 64%
HSV	182°, 26%, 73%
XYZ	36.7735, 43.6590, 53.4716
YIQ	171.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

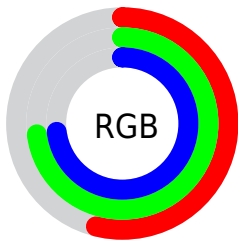
Format	Color
RYB	138, 162, 187
Decimal	9091515
CIELab	72.00, -14.97, -6.07
CIELCh	72, 16.157, 202.058
Yxy	43.6590, 0.2746, 0.3260
Android (android.graphics.Color)	4287281595 (0xFF8AB9BB)
YUV	171.1750, 7.8017, -29.0945
Hunter-Lab	66.0750, -16.2886, -1.7284

Details

The CIELCh color **72, 16.157, 202.058** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 19.317, 24.580**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.999, 202.137**, and **52, 16.246, 201.940** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.446, 201.819**, and if you desaturate by 10%, it is **73, 10.328, 202.375**.

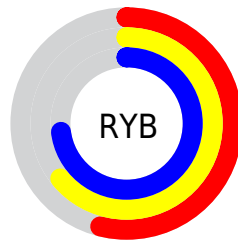
Distribution



Red (54%)

Green (73%)

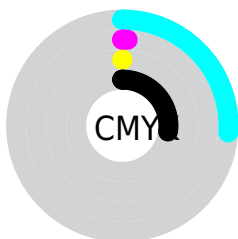
Blue (73%)



Red (54%)

Yellow (64%)

Blue (73%)

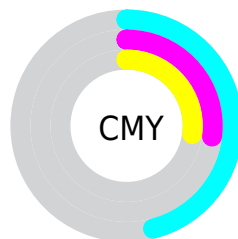


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (46%)


Magenta (27%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.157, 202.058 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, 16.157, 202.058 by changing the saturation by 10% instead.


 72, 16.157,
202.058


 72, 16.157,
202.058


 100, 16.157,
202.058


 62, 16.157,
202.058


 92, 16.157,
202.058

 52, 16.157,
202.058

 42, 16.157,
202.058

 32, 16.157,
202.058

 22, 16.157,
202.058

 12, 16.157,
202.058

 2, 16.157, 202.058

0, 16.157, 202.058

72, 16.157,
202.058

72, 16.157,
202.058

71, 21.446,
201.819

73, 10.328,
202.375

70, 26.088,
201.680

75, 4.064, 202.821

69, 29.991,
201.649

76, 2.536, 22.901

78, 9.384, 23.510

68, 33.082,
201.740

80, 16.404, 24.020

67, 35.326,
201.966

82, 23.533, 24.535

83, 25.218, 25.334

67, 36.736,
202.335

83, 24.968, 26.247

■ 67, 37.393,
202.850

■ 83, 24.723, 27.180

■ 66, 37.551,
203.063

Harmonies

Complementary

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



72, 16.157, 202.058



63, 19.317, 24.580

Rectangle

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



72, 16.157, 202.058



72, 16.157, 252.058



72, 16.157, 22.058



72, 16.157, 72.058

Sweetspot

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



72, 16.157, 202.053



94, 6.433, 202.716



71, 31.831, 143.572



50, 4.591, 202.643



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, 16.157, 202.053



90, 23.116, 201.918



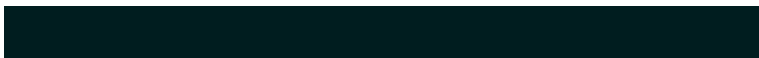
65, 16.236, 262.936



39, 3.708, 202.656



57, 33.194, 202.974



9, 11.036, 202.008

Inverse Universe

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



64, 31.685, 326.992



78, 46.171, 327.282



69, 17.172, 75.619



37, 6.875, 326.043



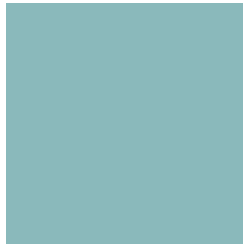
37, 78.337, 329.901



3, 20.650, 326.893

Previews

White Background



This preview shows how the CIELCh color 72, 16.157, 202.058 looks on a white background.

Color Contrast Check

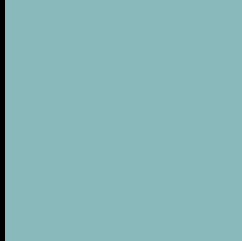
Large Text (above 18pt) WCAG AA × Fail

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, 16.157, 202.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

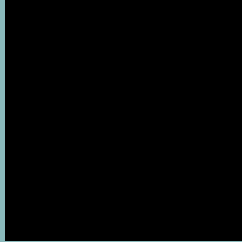
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

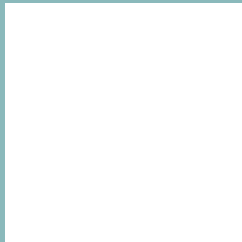
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.157, 202.058

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.157, 202.058.

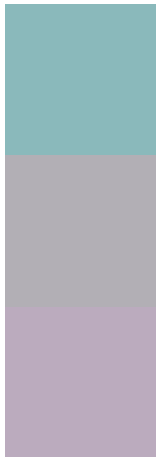


This preview shows how white text looks on a background with the CIELCh color 72, 16.157, 202.058.

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, 16.157, 202.058

Protanopia

72, 3.473, 309.179

Deuteranopia

72, 11.965, 320.491



Tritanopia
72, 16.298, 228.721

Trichromacy



Original Color
72, 16.157, 202.058

Protanomaly
72, 6.139, 219.878

Deuteranomaly
72, 7.470, 271.194

Tritanomaly
72, 15.976, 218.374

Monochromacy



Original Color
72, 16.157, 202.058

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.215, 204.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.157, 202.058 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(138, 185, 187)` looks like.

```
.text, #text, p{  
    color:rgb(138, 185, 187)  
}
```

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(138, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 185, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.157, 202.058 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(138, 185, 187) }
```

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

```
.border{ border-color:rgb(138, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(138, 185,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.157, 202.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 185, 187) }
```

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

```
.background{ background-color: rgb(138,  
185, 187) }
```

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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