

Converting Colors

CIELCh(72, 12.765, 156.567)

Have a look what the booklet for
CIELCh(72, 12.765, 156.567)
contains.

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Color

CIELCh(72, 13.108, 156.853)

Conversions

Conversions Part 1

Format	Color
Hex	9DB7A7
RGB	157, 183, 167
RGB Percent	62%, 72%, 65%
CMY	0.3855, 0.2835, 0.3463
CMYK	0.14, 0.00, 0.09, 0.28
HSL	143°, 15%, 67%
HSV	143°, 14%, 72%
XYZ	37.6652, 43.6590, 42.8567
YIQ	173.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

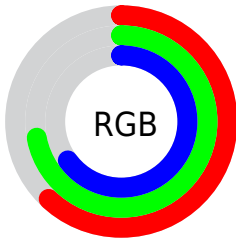
Format	Color
RYB	157, 176, 183
Decimal	10336167
CIELab	72.00, -12.05, 5.15
CIElCh	72, 13.108, 156.853
Yxy	43.6590, 0.3033, 0.3516
Android (android.graphics.Color)	4288526247 (0xFF9DB7A7)
YUV	173.4020, -3.1562, -14.3846
Hunter-Lab	66.0750, -13.8795, 7.7966

Details

The CIELCh color $72, 13.108, 156.853$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $67, 13.244, 338.962$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.077, 156.449$, and $52, 13.270, 157.153$ is the 20% darker color. If you saturate the color by 10%, you get $71, 22.321, 155.948$, and if you desaturate by 10%, it is $74, 3.878, 157.702$.

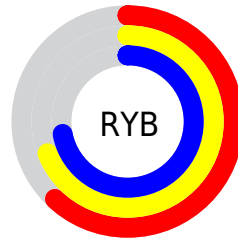
Distribution



Red (62%)

Green (72%)

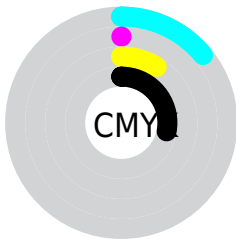
Blue (65%)



Red (62%)

Yellow (69%)

Blue (72%)

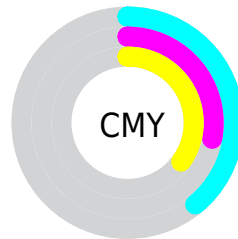


Cyan (14%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (39%)


Magenta (28%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.108, 156.853 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, 13.108, 156.853 by changing the saturation by 10% instead.


 72, 13.108,
156.853


 72, 13.108,
156.853


 100, 13.108,
156.853


 62, 13.108,
156.853


 92, 13.108,
156.853

 52, 13.108,
156.853

 42, 13.108,
156.853

 32, 13.108,
156.853

 22, 13.108,
156.853

 12, 13.108,
156.853

 2, 13.108, 156.853

0, 13.108, 156.853

72, 13.108,
156.853

72, 13.108,
156.853

71, 22.321,
155.948

74, 3.878, 157.702

69, 31.389,
154.929

75, 5.276, 338.252

68, 40.168,
153.768

77, 14.279,
338.924

67, 48.498,
152.441

79, 23.080,
339.504

67, 56.219,
150.927

81, 31.643,
340.028

66, 63.190,
149.216

82, 37.182,
335.847

83, 41.394,

■ 66, 69.312,
147.312

330.001

■ 65, 74.547,
145.245

■ 83, 45.296,
325.993

■ 65, 77.265,
144.072

Harmonies

Complementary

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



72, 13.108, 156.853



67, 13.244, 338.962

Rectangle

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



72, 13.108, 156.853



72, 13.108, 206.853



72, 13.108, 336.853



72, 13.108, 26.853

Sweetspot

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



72, 13.110, 156.851



93, 4.534, 157.718



73, 14.571, 124.185



50, 3.251, 157.647



97, 0.011, 296.813



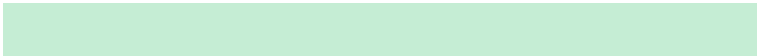
50, 0.007, 296.813

Same Dimension

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



72, 13.110, 156.851



90, 19.370, 156.586



72, 9.575, 188.725



38, 5.233, 157.262



56, 68.166, 144.365



8, 15.487, 153.557

Inverse Universe

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



67, 13.244, 338.962



84, 19.603, 339.212



67, 10.272, 11.016



36, 5.272, 338.570



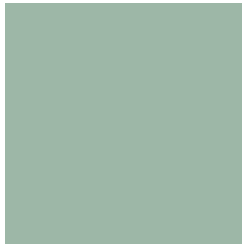
34, 60.990, 351.161



3, 13.156, 344.127

Previews

White Background



This preview shows how the CIELCh color 72, 13.108, 156.853 looks on a white background.

Color Contrast Check

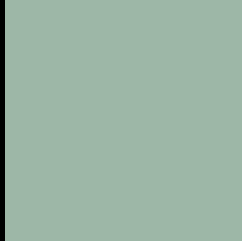
Large Text (above 18pt) WCAG AA × Fail

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, 13.108, 156.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

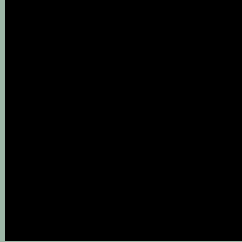
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.108, 156.853

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.108, 156.853.



This preview shows how white text looks on a background with the CIELCh color 72, 13.108, 156.853.

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](#).

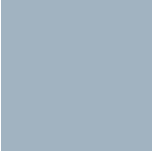
Dichromacy



Original Color
72, 13.108, 156.853

Protanopia
72, 7.041, 86.883

Deuteranopia
72, 10.079, 23.299



Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 13.108, 156.853

Protanomaly
72, 7.844, 123.536

Deuteranomaly
72, 4.633, 74.423

Tritanomaly
72, 7.690, 211.182

Monochromacy



Original Color
72, 13.108, 156.853

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.999, 158.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.108, 156.853 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(157, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 167)  
}
```

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(157, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.108, 156.853 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(157, 183, 167) }
```

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

```
.border{ border-color:rgb(157, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(157, 183,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.108, 156.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 167) }
```

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

```
.background{ background-color: rgb(157,  
183, 167) }
```

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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