

Converting Colors

CIELCh(72, 9.541, 182.086)

Have a look what the booklet for
CIELCh(72, 9.541, 182.086) contains.

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Color

CIELCh(72, 9.550, 182.080)

Conversions

Conversions Part 1

Format	Color
Hex	9DB6B1
RGB	157, 182, 177
RGB Percent	62%, 71%, 69%
CMY	0.3853, 0.2873, 0.3069
CMYK	0.14, 0.00, 0.03, 0.29
HSL	168°, 15%, 66%
HSV	168°, 14%, 71%
XYZ	38.4425, 43.6590, 47.8638
YIQ	173.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

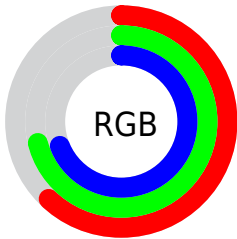
Format	Color
RYB	157, 171, 182
Decimal	10335921
CIELab	72.00, -9.54, -0.35
CIELCh	72, 9.550, 182.080
Yxy	43.6590, 0.2958, 0.3359
Android (android.graphics.Color)	4288526001 (0xFF9DB6B1)
YUV	173.9550, 1.5012, -14.8695
Hunter-Lab	66.0750, -11.7797, 3.3036

Details

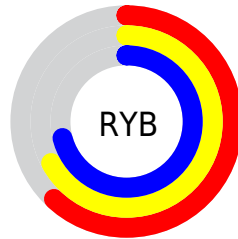
The CIELCh color $72, 9.550, 182.080$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $67, 10.080, 4.517$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.446, 182.926$, and $52, 9.739, 181.021$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.210, 181.112$, and if you desaturate by 10%, it is $73, 2.637, 183.098$.

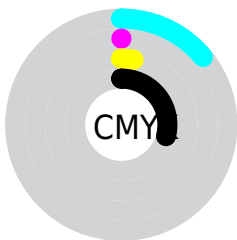
Distribution



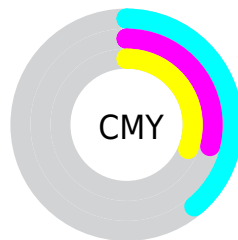
- Red (62%)
- Green (71%)
- Blue (69%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.550, 182.080 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, 9.550, 182.080 by changing the saturation by 10% instead.

72, 9.550, 182.080

72, 9.550, 182.080

100, 9.550,
182.080

62, 9.550, 182.080

92, 9.550, 182.080

52, 9.550, 182.080

42, 9.550, 182.080

32, 9.550, 182.080

22, 9.550, 182.080

12, 9.550, 182.080

2, 9.550, 182.080

0, 9.550, 182.080

72, 9.550, 182.080

72, 9.550, 182.080

71, 16.210,
181.112

73, 2.637, 183.098

70, 22.504,
180.107

75, 4.436, 3.667

69, 28.319,
179.036

77, 11.588, 4.557

68, 33.539,
177.880

80, 25.887, 6.142

67, 38.067,
176.617

81, 28.966, 4.244

67, 41.832,
175.224

81, 29.414, 0.621

66, 44.811,
173.680

81, 29.986,
357.129

66, 47.042,
171.969

81, 30.672,
353.788

66, 48.202,

170.862

Harmonies

Complementary

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



72, 9.550, 182.080



67, 10.080, 4.517

Rectangle

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



72, 9.550, 182.080



72, 9.550, 232.080



72, 9.550, 2.080



72, 9.550, 52.080

Sweetspot

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



72, 9.551, 182.073



93, 3.488, 183.057



72, 15.544, 137.686



50, 2.498, 182.965



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, 9.551, 182.073



91, 14.574, 181.736



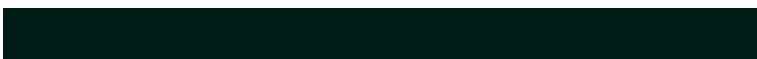
70, 7.431, 230.536



38, 3.991, 182.496



57, 42.839, 171.104



8, 11.604, 176.614

Inverse Universe

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



67, 10.080, 4.517



83, 15.606, 4.914



69, 8.034, 48.669



36, 4.139, 4.041



32, 63.805, 28.652



2, 10.906, 7.429

Previews

White Background



This preview shows how the CIELCh color 72, 9.550, 182.080 looks on a white background.

Color Contrast Check

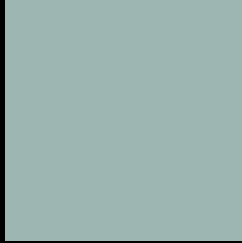
Large Text (above 18pt) WCAG AA × Fail

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, 9.550, 182.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

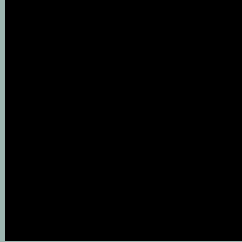
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

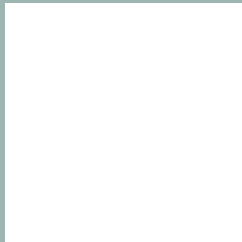
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.550, 182.080

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.550, 182.080.



This preview shows how white text looks on a background with the CIELCh color 72, 9.550, 182.080.

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, 9.550, 182.080

Protanopia
72, 2.168, 49.343

Deuteranopia
72, 9.065, 351.561



Tritanopia
72, 9.994, 248.987

Trichromacy



Original Color
72, 9.550, 182.080

Protanomaly
72, 2.493, 158.561

Deuteranomaly
72, 2.234, 332.348

Tritanomaly
72, 8.307, 226.324

Monochromacy



Original Color
72, 9.550, 182.080

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.528, 181.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.550, 182.080 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, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(157, 182, 177)  
}
```

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, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 182, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.550, 182.080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

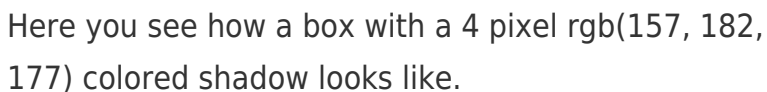
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 182, 177) }
```

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

```
.border{ border-color:rgb(157, 182, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 182, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 182, 177); box-shadow:4px 4px 4px 4px rgb(157, 182, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.550, 182.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 182, 177) }
```

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

```
.background{ background-color: rgb(157,  
182, 177) }
```

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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