

Converting Colors

CIELCh(72, 9.418, 179.138)

Have a look what the booklet for
CIELCh(72, 9.418, 179.138) contains.

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Color

CIELCh(72, 9.416, 178.361)

Conversions

Conversions Part 1

Format	Color
Hex	9EB6B0
RGB	158, 182, 176
RGB Percent	62%, 71%, 69%
CMY	0.3818, 0.2877, 0.3112
CMYK	0.13, 0.00, 0.03, 0.29
HSL	165°, 14%, 67%
HSV	165°, 13%, 71%
XYZ	38.4835, 43.6590, 47.2846
YIQ	174.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

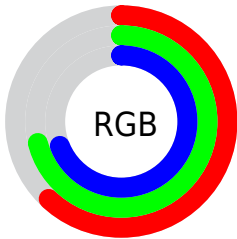
Format	Color
RYB	158, 172, 182
Decimal	10401456
CIELab	72.00, -9.41, 0.27
CIELCh	72, 9.416, 178.361
Yxy	43.6590, 0.2973, 0.3373
Android (android.graphics.Color)	4288591536 (0xFF9EB6B0)
YUV	174.1400, 0.9170, -14.1548
Hunter-Lab	66.0750, -11.6688, 3.8234

Details

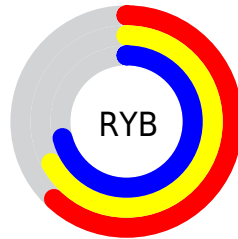
The CIELCh color $72, 9.416, 178.361$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $67, 9.844, 0.747$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.303, 179.345$, and $52, 9.389, 180.399$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.315, 177.355$, and if you desaturate by 10%, it is $73, 2.308, 179.426$.

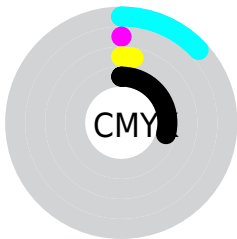
Distribution



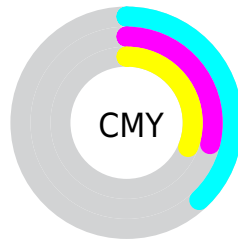
- Red (62%)
- Green (71%)
- Blue (69%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.416, 178.361 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, 9.416, 178.361 by changing the saturation by 10% instead.

■ 72, 9.416, 178.361

■ 72, 9.416, 178.361

■ 100, 9.416,
178.361

■ 62, 9.416, 178.361

■ 92, 9.416, 178.361

■ 52, 9.416, 178.361

■ 42, 9.416, 178.361

■ 32, 9.416, 178.361

■ 22, 9.416, 178.361

■ 12, 9.416, 178.361

■ 2, 9.416, 178.361

■ 0, 9.416, 178.361

■ 72, 9.416, 178.361

■ 72, 9.416, 178.361

71, 16.315,
177.355

73, 2.308, 179.426

70, 22.892,
176.296

75, 4.920, 0.006

77, 12.189, 0.892

69, 29.032,
175.155

79, 19.438, 1.702

68, 34.617,
173.909

80, 26.620, 2.472

67, 39.541,
172.536

81, 29.572,
359.879

67, 43.727,
171.010

81, 30.334,
355.584

66, 47.143,
169.312

81, 31.271,
351.537

66, 49.818,
167.428

82, 32.367,
347.761

66, 51.362,

Harmonies

Complementary

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



72, 9.416, 178.361



67, 9.844, 0.747

Rectangle

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



72, 9.416, 178.361



72, 9.416, 228.361



72, 9.416, 358.361



72, 9.416, 48.361

Sweetspot

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



72, 9.417, 178.355



93, 3.570, 179.307



72, 14.697, 136.206



50, 2.557, 179.215



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, 9.417, 178.355



91, 14.113, 178.052



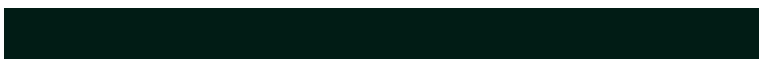
71, 7.228, 224.096



38, 4.091, 178.737



57, 45.632, 166.367



8, 12.032, 172.307

Inverse Universe

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



67, 9.844, 0.747



84, 14.909, 1.089



68, 7.833, 42.912



36, 4.221, 0.328



32, 61.910, 24.639



2, 11.044, 4.567

Previews

White Background



This preview shows how the CIELCh color 72, 9.416, 178.361 looks on a white background.

Color Contrast Check

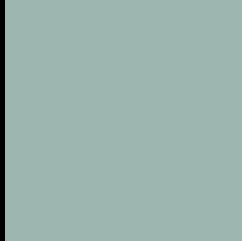
Large Text (above 18pt) WCAG AA × Fail

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, 9.416, 178.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

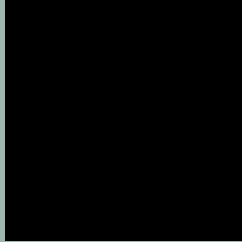
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

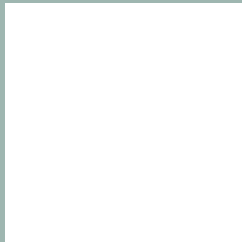
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.416, 178.361

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.416, 178.361.

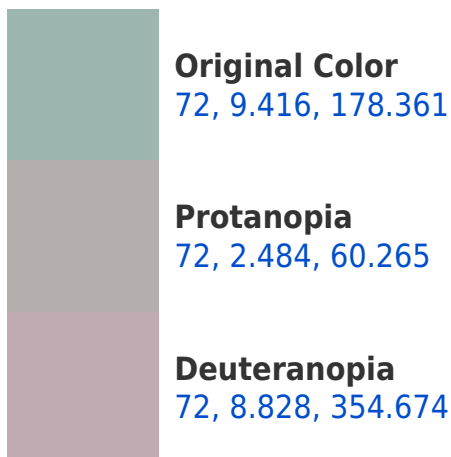


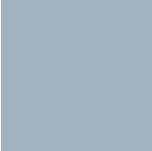
This preview shows how white text looks on a background with the CIELCh color 72, 9.416, 178.361.

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](#).

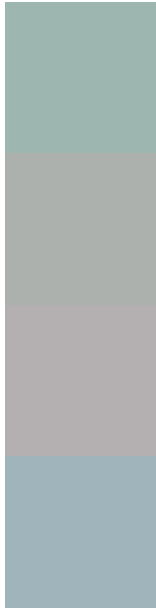
Dichromacy





Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 9.416, 178.361

Protanomaly
72, 2.884, 150.453

Deuteranomaly
72, 2.183, 349.469

Tritanomaly
72, 8.003, 227.478

Monochromacy



Original Color
72, 9.416, 178.361

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, 9.416, 178.361 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(158, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(158, 182, 176)  
}
```

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(158, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 182, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.416, 178.361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

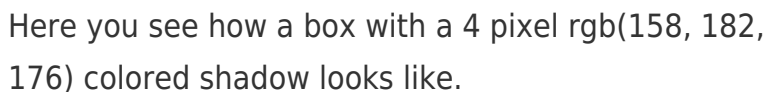
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 182, 176) }
```

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

```
.border{ border-color:rgb(158, 182, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 182, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 182, 176); box-shadow:4px 4px 4px 4px rgb(158, 182, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.416, 178.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 182, 176) }
```

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

```
.background{ background-color: rgb(158,  
182, 176) }
```

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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