

Converting Colors

CIELCh(65, 9.972, 0.802)

Have a look what the booklet for
CIELCh(65, 9.972, 0.802) contains.

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Color

CIELCh(65, 9.912, 0.795)

Conversions

Conversions Part 1

Format	Color
Hex	B0989E
RGB	176, 152, 158
RGB Percent	69%, 60%, 62%
CMY	0.3107, 0.4048, 0.3813
CMYK	0.00, 0.14, 0.10, 0.31
HSL	345°, 13%, 64%
HSV	345°, 14%, 69%
XYZ	35.1957, 34.0472, 36.9622
YIQ	159.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

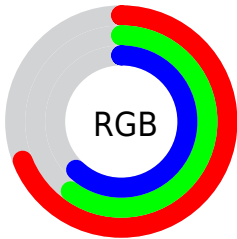
Format	Color
RYB	176, 152, 158
Decimal	11573406
CIELab	65.00, 9.91, 0.14
CIELCh	65, 9.912, 0.795
Yxy	34.0472, 0.3314, 0.3206
Android (android.graphics.Color)	4289763486 (0xFFB0989E)
YUV	159.8600, -0.9170, 14.1548
Hunter-Lab	58.3500, 5.5557, 3.2873

Details

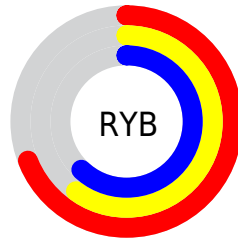
The CIELCh color $65, 9.912, 0.795$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.467, 178.325$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.231, 359.164$, and $45, 9.869, 359.571$ is the 20% darker color. If you saturate the color by 10%, you get $60, 17.539, 1.979$, and if you desaturate by 10%, it is $70, 2.590, 359.682$.

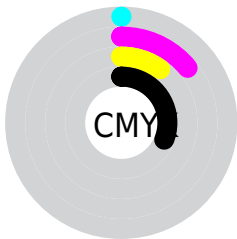
Distribution



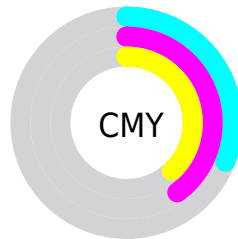
- Red (69%)
- Green (60%)
- Blue (62%)



- Red (69%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.912, 0.795 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 65, 9.912, 0.795 by changing the saturation by 10% instead.

 65, 9.912, 0.795

 65, 9.912, 0.795

 100, 9.912, 0.795

 55, 9.912, 0.795

 85, 9.912, 0.795

 45, 9.912, 0.795

 95, 9.912, 0.795

 35, 9.912, 0.795

 25, 9.912, 0.795

 15, 9.912, 0.795

 5, 9.912, 0.795

 0, 9.912, 0.795

 65, 9.912, 0.795

 65, 9.912, 0.795

 60, 17.539, 1.979

 70, 2.590, 359.682

■ 56, 25.399, 3.362

■ 75, 4.388, 179.094

■ 51, 33.345, 5.032

■ 80, 11.020,
178.271

■ 47, 41.156, 7.092

■ 85, 17.320,
177.577

■ 44, 48.531, 9.674

■ 41, 55.145, 12.937

■ 90, 23.309,
176.959

■ 39, 60.751, 17.023

■ 95, 27.912,
178.076

■ 37, 65.322, 21.970

■ 37, 68.032, 25.253

■ 95, 25.625,
192.097

■ 95, 25.173,
197.865

Harmonies

Complementary

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



65, 9.912, 0.795



70, 9.467, 178.325

Rectangle

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



65, 9.912, 0.795



65, 9.912, 50.795



65, 9.912, 180.795



65, 9.912, 230.795

Sweetspot

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



65, 9.910, 0.802



89, 3.531, 359.739



65, 14.989, 317.860



47, 2.510, 359.832



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 9.910, 0.802



81, 14.516, 1.096



66, 7.837, 44.805



34, 4.025, 0.330



31, 60.350, 24.474



2, 8.167, 2.954

Inverse Universe

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



65, 9.910, 0.802



81, 14.516, 1.096



68, 7.225, 226.235



34, 4.025, 0.330



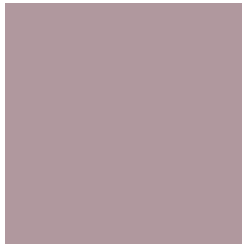
31, 60.350, 24.474



2, 8.167, 2.954

Previews

White Background



This preview shows how the CIELCh color 65, 9.912, 0.795 looks on a white background.

Color Contrast Check

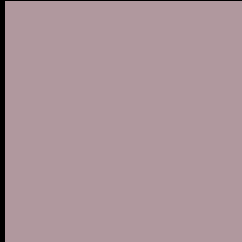
Large Text (above 18pt) WCAG AA × Fail

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 65, 9.912, 0.795 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 65, 9.912, 0.795

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.912, 0.795.



This preview shows how white text looks on a background with the CIELCh color 65, 9.912, 0.795.

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


65, 9.912, 0.795

Protanopia

65, 2.517, 317.332

Deuteranopia

65, 8.247, 0.566



Tritanopia
65, 11.706, 345.933

Trichromacy



Original Color

65, 9.912, 0.795

Protanomaly

65, 5.072, 346.662

Deuteranomaly

65, 8.619, 1.493

Tritanomaly

65, 11.144, 350.688

Monochromacy



Original Color

65, 9.912, 0.795

Achromatopsia

66, 0.008, 296.813

Achromatomaly

66, 3.644, 1.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.912, 0.795 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(176, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 158)  
}
```

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(176, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.912, 0.795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

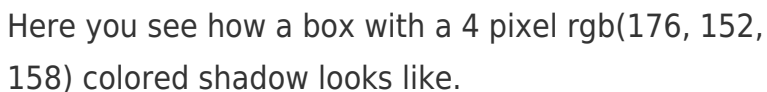
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 152, 158) }
```

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

```
.border{ border-color:rgb(176, 152, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.912, 0.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 158) }
```

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

```
.background{ background-color: rgb(176,  
152, 158) }
```

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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