

Converting Colors

CIELCh(64, 18.695, 3.284)

Have a look what the booklet for
CIELCh(64, 18.695, 3.284) contains.

CIELCh(64, 18.733, 2.431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 18.733, 2.431)

Conversions

Conversions Part 1

Format	Color
Hex	BC8F9A
RGB	188, 143, 154
RGB Percent	74%, 56%, 60%
CMY	0.2616, 0.4381, 0.3950
CMYK	0.00, 0.24, 0.18, 0.26
HSL	345°, 25%, 65%
HSV	345°, 24%, 74%
XYZ	36.5341, 32.8017, 35.1018
YIQ	157.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

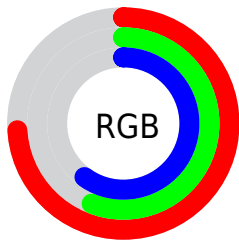
Format	Color
RYB	188, 143, 154
Decimal	12357530
CIELab	64.00, 18.72, 0.79
CIELCh	64, 18.733, 2.431
Yxy	32.8017, 0.3498, 0.3141
Android (android.graphics.Color)	4290547610 (0xFFBC8F9A)
YUV	157.7090, -1.8285, 26.5652
Hunter-Lab	57.2727, 13.6373, 3.7528

Details

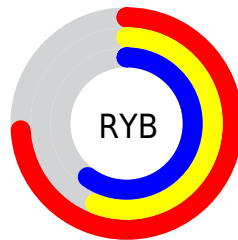
The CIELCh color **64, 18.733, 2.431** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 17.220, 177.703**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.756, 3.055**, and **44, 18.934, 2.044** is the 20% darker color. If you saturate the color by 10%, you get **59, 27.046, 3.838**, and if you desaturate by 10%, it is **69, 10.663, 1.245**.

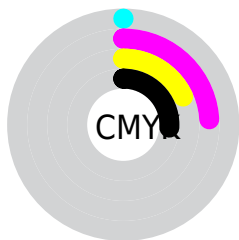
Distribution



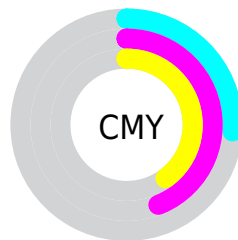
- Red (74%)
- Green (56%)
- Blue (60%)



- Red (74%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (26%)




- Cyan (26%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.733, 2.431 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 64, 18.733, 2.431 by changing the saturation by 10% instead.

 64, 18.733, 2.431  64, 18.733, 2.431

 100, 18.733, 2.431  54, 18.733, 2.431

 84, 18.733, 2.431  44, 18.733, 2.431


 94, 18.733, 2.431  34, 18.733, 2.431

 24, 18.733, 2.431

 14, 18.733, 2.431

 4, 18.733, 2.431

 0, 18.733, 2.431

 64, 18.733, 2.431  64, 18.733, 2.431

 59, 27.046, 3.838  69, 10.663, 1.245

55, 35.454, 5.536

74, 2.926, 0.126

50, 43.714, 7.637

80, 4.443, 179.526

47, 51.507, 10.277

85, 11.442,
178.696

44, 58.488, 13.616

90, 18.086,
177.999

41, 64.406, 17.794

40, 69.250, 22.827

95, 23.771,
178.503

39, 71.997, 26.027

96, 21.671,
196.561

96, 21.599,
198.087

Harmonies

Complementary

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



64, 18.733, 2.431



73, 17.220, 177.703

Rectangle

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



64, 18.733, 2.431



64, 18.733, 52.431



64, 18.733, 182.431



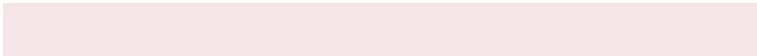
64, 18.733, 232.431

Sweetspot

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



64, 18.731, 2.435



92, 6.539, 0.505



64, 27.985, 318.315



48, 4.253, 0.571



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 18.731, 2.435



78, 28.419, 3.185



67, 15.131, 44.512



37, 4.308, 0.749



33, 62.894, 25.202



3, 12.656, 5.624

Inverse Universe

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



64, 18.731, 2.435



78, 28.419, 3.185



70, 13.009, 227.014



37, 4.308, 0.749



33, 62.894, 25.202



3, 12.656, 5.624

Previews

White Background



This preview shows how the CIELCh color 64, 18.733, 2.431 looks on a white background.

Color Contrast Check

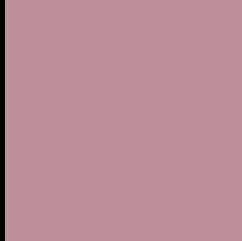
Large Text (above 18pt) WCAG AA × Fail

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 64, 18.733, 2.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

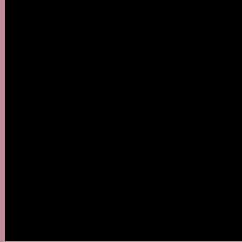
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.733, 2.431

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.733, 2.431.



This preview shows how white text looks on a background with the CIELCh color 64, 18.733, 2.431.

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

64, 18.733, 2.431

Protanopia

64, 4.086, 306.717

Deuteranopia

64, 8.394, 8.751



Tritanopia
64, 18.733, 2.431

Trichromacy



Original Color
64, 18.733, 2.431

Protanomaly
64, 8.578, 344.495

Deuteranomaly
64, 11.738, 6.911

Tritanomaly
64, 18.733, 2.431

Monochromacy



Original Color
64, 18.733, 2.431

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.595, 0.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.733, 2.431 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(188, 143, 154)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 154)  
}
```

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(188, 143, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.733, 2.431 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(188, 143, 154) }
```

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

```
.border{ border-color:rgb(188, 143, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 143, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 154);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.733, 2.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 154) }
```

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

```
.background{ background-color: rgb(188,  
143, 154) }
```

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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