

Converting Colors

CIELCh(63, 8.426, 8.772)

Have a look what the booklet for
CIELCh(63, 8.426, 8.772) contains.

CIELCh(63, 8.426, 8.772)	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(63, 8.426, 8.772)

Conversions

Conversions Part 1

Format	Color
Hex	A89396
RGB	168, 147, 150
RGB Percent	66%, 58%, 59%
CMY	0.3395, 0.4219, 0.4101
CMYK	0.00, 0.12, 0.11, 0.34
HSL	351°, 11%, 62%
HSV	351°, 12%, 66%
XYZ	32.2793, 31.5869, 33.4285
YIQ	153.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

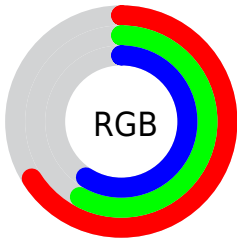
Format	Color
RYP	168, 147, 150
Decimal	11047830
CIELab	63.00, 8.33, 1.28
CIElCh	63, 8.426, 8.772
Yxy	31.5869, 0.3318, 0.3247
Android (android.graphics.Color)	4289237910 (0xFFA89396)
YUV	153.6210, -1.7852, 12.6104
Hunter-Lab	56.2022, 4.1662, 4.0765

Details

The CIELCh color $63, 8.426, 8.772$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 7.958, 186.746$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.300, 9.030$, and $43, 8.701, 8.663$ is the 20% darker color. If you saturate the color by 10%, you get $58, 15.619, 9.900$, and if you desaturate by 10%, it is $68, 1.623, 7.637$.

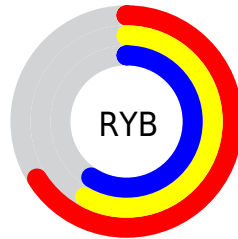
Distribution



Red (66%)

Green (58%)

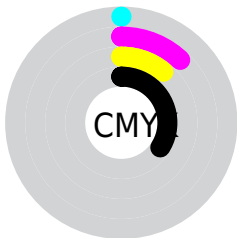
Blue (59%)



Red (66%)

Yellow (58%)

Blue (59%)

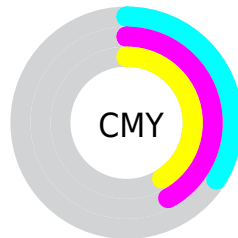


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (34%)



Cyan (34%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.426, 8.772 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 63, 8.426, 8.772 by changing the saturation by 10% instead.

63, 8.426, 8.772

63, 8.426, 8.772

100, 8.426, 8.772

53, 8.426, 8.772

83, 8.426, 8.772

43, 8.426, 8.772

93, 8.426, 8.772

33, 8.426, 8.772

23, 8.426, 8.772

13, 8.426, 8.772

3, 8.426, 8.772

0, 8.426, 8.772

63, 8.426, 8.772

63, 8.426, 8.772

58, 15.619, 9.900

68, 1.623, 7.637

54, 23.166, 11.239

73, 4.780, 187.241

49, 30.968, 12.888

78, 10.801,
186.517

45, 38.860, 14.954

83, 16.467,
185.917

42, 46.605, 17.566

39, 53.927, 20.857

88, 21.810,
185.392

37, 60.589, 24.903

93, 26.864,
184.927

36, 66.448, 29.594

35, 70.482, 33.042

95, 27.485,
193.927

95, 27.175,
197.742

Harmonies

Complementary

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



63, 8.426, 8.772



67, 7.958, 186.746

Rectangle

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



63, 8.426, 8.772



63, 8.426, 58.772



63, 8.426, 188.772



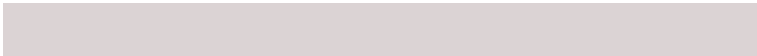
63, 8.426, 238.772

Sweetspot

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



63, 8.424, 8.781



85, 3.268, 7.886



63, 13.584, 320.836



45, 2.323, 7.975



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 8.424, 8.781



79, 12.661, 9.078



65, 6.765, 56.665



33, 3.784, 8.453



30, 63.681, 32.457



1, 6.692, 9.301

Inverse Universe

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



63, 8.424, 8.781



79, 12.661, 9.078



65, 6.375, 239.034



33, 3.784, 8.453



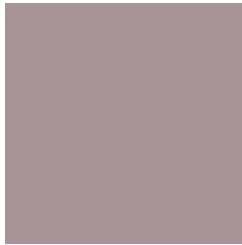
30, 63.681, 32.457



1, 6.692, 9.301

Previews

White Background



This preview shows how the CIELCh color 63, 8.426, 8.772 looks on a white background.

Color Contrast Check

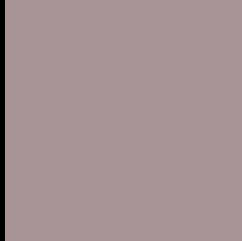
Large Text (above 18pt) WCAG AA × Fail

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 63, 8.426, 8.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

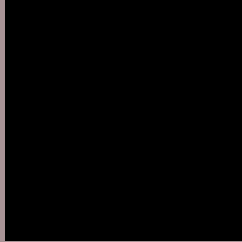
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 8.426, 8.772

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.426, 8.772.



This preview shows how white text looks on a background with the CIELCh color 63, 8.426, 8.772.

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

63, 8.426, 8.772

Protanopia

63, 1.292, 353.565

Deuteranopia

63, 7.944, 12.091



Tritanopia
63, 11.144, 343.584

Trichromacy



Original Color

63, 8.426, 8.772

Protanomaly

63, 4.049, 3.704

Deuteranomaly

63, 7.944, 12.091

Tritanomaly

63, 9.660, 352.878

Monochromacy



Original Color

63, 8.426, 8.772

Achromatopsia

64, 0.008, 296.813

Achromatomaly

63, 2.771, 7.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 8.426, 8.772 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(168, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 147, 150)  
}
```

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(168, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 147, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.426, 8.772 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(168, 147, 150) }
```

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

```
.border{ border-color:rgb(168, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(168, 147,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.426, 8.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 147, 150) }
```

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

```
.background{ background-color: rgb(168,  
147, 150) }
```

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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