

Converting Colors

CIELCh(60, 8.440, 23.996)

Have a look what the booklet for
CIELCh(60, 8.440, 23.996) contains.

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Color

CIELCh(60, 8.440, 23.996)

Conversions

Conversions Part 1

Format	Color
Hex	A18C8B
RGB	161, 140, 139
RGB Percent	63%, 55%, 55%
CMY	0.3693, 0.4516, 0.4556
CMYK	0.00, 0.13, 0.14, 0.37
HSL	3°, 10%, 59%
HSV	3°, 14%, 63%
XYZ	28.6627, 28.1233, 28.2777
YIQ	146.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

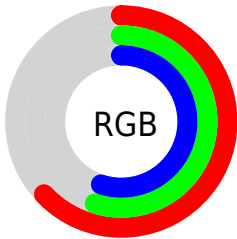
Format	Color
R_{YB}	161, 140, 139
Decimal	10587275
CIE _{Lab}	60.00, 7.71, 3.43
CIE _{LCh}	60, 8.440, 23.996
Yxy	28.1233, 0.3370, 0.3306
Android (android.graphics.Color)	4288777355 (0xFFA18C8B)
YUV	146.1650, -3.5323, 13.0103
Hunter-Lab	53.0314, 3.6714, 5.5071

Details

The CIELCh color $60, 8.440, 23.996$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.732, 202.939$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 8.343, 27.263$, and $40, 8.330, 24.650$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.199, 24.727$, and if you desaturate by 10%, it is $65, 2.181, 23.327$.

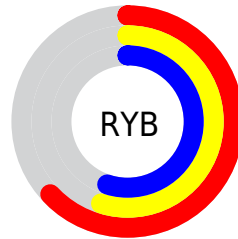
Distribution



Red (63%)

Green (55%)

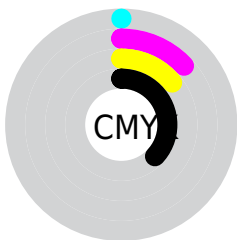
Blue (55%)



Red (63%)

Yellow (55%)

Blue (55%)

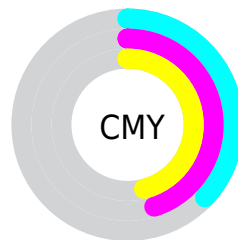


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 8.440, 23.996 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 60, 8.440, 23.996 by changing the saturation by 10% instead.

 60, 8.440, 23.996  60, 8.440, 23.996

 100, 8.440, 23.996  50, 8.440, 23.996

 80, 8.440, 23.996  40, 8.440, 23.996

 90, 8.440, 23.996  30, 8.440, 23.996

 20, 8.440, 23.996

 10, 8.440, 23.996

 0, 8.440, 23.996

 60, 8.440, 23.996  60, 8.440, 23.996

 56, 15.199, 24.727  65, 2.181, 23.327

 51, 22.469, 25.662  69, 3.606, 203.286

47, 30.219, 26.894

74, 8.961, 202.919

44, 38.363, 28.506

78, 13.932,
202.687

40, 46.744, 30.577

83, 18.561,
202.523

38, 55.114, 33.131

35, 63.060, 36.022

88, 22.891,
202.406

34, 69.730, 38.694

92, 26.958,
202.324

33, 73.168, 40.349

94, 29.178,
197.620

Harmonies

Complementary

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



60, 8.440, 23.996



64, 7.732, 202.939

Rectangle

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



60, 8.440, 23.996



60, 8.440, 73.996



60, 8.440, 203.996



60, 8.440, 253.996

Sweetspot

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



60, 8.439, 24.008



82, 2.942, 23.366



60, 14.670, 326.072



43, 2.093, 23.429



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 8.439, 24.008



75, 12.353, 24.180



63, 7.721, 77.225



32, 3.471, 23.732



30, 67.441, 40.001



1, 5.244, 22.991

Inverse Universe

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



64, 7.732, 202.939



81, 11.118, 202.844



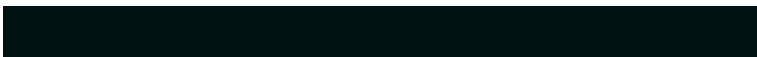
61, 7.520, 260.817



34, 3.275, 203.118



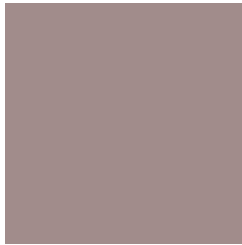
52, 31.042, 203.748



4, 5.151, 204.747

Previews

White Background



This preview shows how the CIELCh color 60, 8.440, 23.996 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 8.440, 23.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

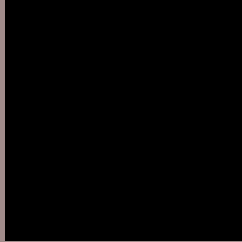
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 8.440, 23.996

Background



This preview shows how black text looks on a background with the CIELCh color 60, 8.440, 23.996.



This preview shows how white text looks on a background with the CIELCh color 60, 8.440, 23.996.

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

60, 8.440, 23.996

Protanopia

60, 2.294, 66.665

Deuteranopia

60, 8.440, 23.996



Tritanopia
60, 11.262, 347.223

Trichromacy



Original Color
60, 8.440, 23.996

Protanomaly
60, 4.500, 34.187

Deuteranomaly
60, 8.440, 23.996

Tritanomaly
60, 9.699, 0.059

Monochromacy



Original Color
60, 8.440, 23.996

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 2.800, 31.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 8.440, 23.996 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(161, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 139)  
}
```

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(161, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 8.440, 23.996 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(161, 140, 139) }
```

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

```
.border{ border-color:rgb(161, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 8.440, 23.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 139) }
```

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

```
.background{ background-color: rgb(161,  
140, 139) }
```

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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