

Converting Colors

CIELCh(63, 60.591, 95.174)

Have a look what the booklet for
CIELCh(63, 60.591, 95.174) contains.

CIELCh(63, 60.591, 95.174)	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, 60.591, 95.174)

Conversions

Conversions Part 1

Format	Color
Hex	AC9920
RGB	172, 153, 32
RGB Percent	67%, 60%, 13%
CMY	0.3262, 0.4006, 0.8752
CMYK	0.00, 0.11, 0.81, 0.33
HSL	52°, 69%, 40%
HSV	52°, 81%, 67%
XYZ	28.6002, 31.5869, 5.9423
YIQ	144.8870, 50.1650, -33.6030

Conversions

Conversions Part 2

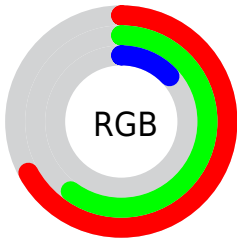
Format	Color
RYB	54, 172, 32
Decimal	11311392
CIELab	63.00, -5.46, 60.34
CIELCh	63, 60.591, 95.174
Yxy	31.5869, 0.4325, 0.4777
Android (android.graphics.Color)	4289501472 (0xFFAC9920)
YUV	144.8870, -55.6533, 23.7781
Hunter-Lab	56.2022, -7.5188, 33.0728

Details

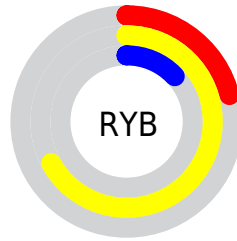
The CIELCh color **63, 60.591, 95.174** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **28, 76.183, 299.872**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 60.787, 95.061**, and **43, 49.983, 94.789** is the 20% darker color. If you saturate the color by 10%, you get **62, 64.054, 94.161**, and if you desaturate by 10%, it is **64, 55.341, 96.213**.

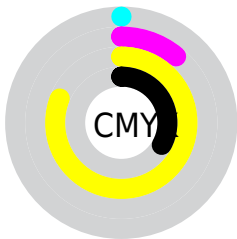
Distribution



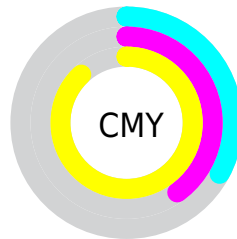
- Red (67%)
- Green (60%)
- Blue (13%)



- Red (21%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 60.591, 95.174 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, 60.591, 95.174 by changing the saturation by 10% instead.

63, 60.591, 95.174

63, 60.591, 95.174

100, 60.591,
95.174

53, 60.591, 95.174

83, 60.591, 95.174

43, 60.591, 95.174

93, 60.591, 95.174

33, 60.591, 95.174

23, 60.591, 95.174

13, 60.591, 95.174

3, 60.591, 95.174

0, 60.591, 95.174

63, 60.591, 95.174

63, 60.591, 95.174

62, 64.054, 94.161

64, 55.341, 96.213

62, 65.760, 93.302

65, 48.824, 97.281

65, 41.508, 98.376

66, 33.728, 99.486

67, 25.699,
100.600

68, 17.555,
101.705

69, 9.374, 102.788

70, 1.203, 103.770

71, 6.931, 284.905

Harmonies

Complementary

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



63, 60.591, 95.174



28, 76.183, 299.872

Rectangle

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



63, 60.591, 95.174



63, 60.591, 145.174



63, 60.591, 275.174



63, 60.591, 325.174

Sweetspot

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



63, 60.591, 95.177



86, 24.362, 101.382



38, 60.729, 23.974



45, 16.710, 101.000



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 60.591, 95.177



79, 79.832, 93.316



65, 70.369, 120.736



36, 4.652, 103.019



55, 59.686, 93.416



6, 9.287, 100.985

Inverse Universe

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



28, 76.183, 299.872



31, 112.236, 304.131



29, 84.324, 309.086



34, 4.724, 285.071



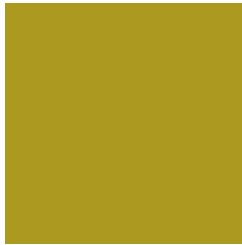
19, 82.945, 303.901



1, 10.118, 285.288

Previews

White Background



This preview shows how the CIELCh color 63, 60.591, 95.174 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, 60.591, 95.174 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, 60.591, 95.174

Background



This preview shows how black text looks on a background with the CIELCh color 63, 60.591, 95.174.



This preview shows how white text looks on a background with the CIELCh color 63, 60.591, 95.174.

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, 60.591, 95.174

Protanopia

63, 60.591, 95.174

Deuteranopia

63, 60.335, 82.395



Tritanopia
63, 16.130, 358.829

Trichromacy



Original Color
63, 60.591, 95.174

Protanomaly
63, 60.591, 95.174

Deuteranomaly
63, 60.271, 87.001

Tritanomaly
63, 24.815, 75.110

Monochromacy



Original Color
63, 60.591, 95.174

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 24.643, 100.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 60.591, 95.174 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(172, 153, 32)` looks like.

```
.text, #text, p{  
    color:rgb(172, 153, 32)  
}
```

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(172, 153, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 153, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 60.591, 95.174 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(172, 153, 32) }
```

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

```
.border{ border-color:rgb(172, 153, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 153, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 153, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 153, 32);  
box-shadow:4px 4px 4px 4px rgb(172, 153,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 60.591, 95.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 153, 32) }
```

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

```
.background{ background-color: rgb(172,  
153, 32) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor