

Converting Colors

CIELCh(62, 60.422, 86.852)

Have a look what the booklet for
CIELCh(62, 60.422, 86.852) contains.

CIELCh(62, 60.422, 86.852)	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(62, 60.422, 86.852)

Conversions

Conversions Part 1

Format	Color
Hex	B6911E
RGB	182, 145, 30
RGB Percent	71%, 57%, 12%
CMY	0.2852, 0.4304, 0.8811
CMYK	0.00, 0.20, 0.83, 0.29
HSL	45°, 71%, 42%
HSV	45°, 83%, 71%
XYZ	29.7607, 30.4025, 5.5493
YIQ	142.9530, 58.9670, -27.9210

Conversions

Conversions Part 2

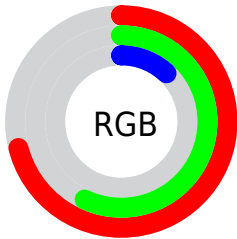
Format	Color
RYB	79, 182, 30
Decimal	11964702
CIELab	62.00, 3.32, 60.33
CIELCh	62, 60.422, 86.852
Yxy	30.4025, 0.4529, 0.4627
Android (android.graphics.Color)	4290154782 (0xFFB6911E)
YUV	142.9530, -55.6858, 34.2442
Hunter-Lab	55.1385, -0.1479, 32.6298

Details

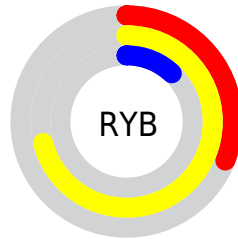
The CIELCh color **62, 60.422, 86.852** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **33, 71.262, 295.826**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 60.678, 86.971**, and **42, 49.564, 85.576** is the 20% darker color. If you saturate the color by 10%, you get **61, 63.851, 85.196**, and if you desaturate by 10%, it is **63, 55.099, 88.335**.

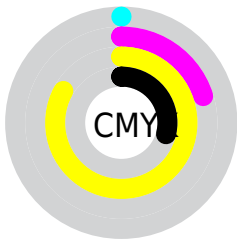
Distribution



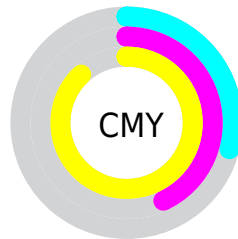
- Red (71%)
- Green (57%)
- Blue (12%)



- Red (31%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (83%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 60.422, 86.852 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 62, 60.422, 86.852 by changing the saturation by 10% instead.

62, 60.422, 86.852

62, 60.422, 86.852

100, 60.422,
86.852

52, 60.422, 86.852

82, 60.422, 86.852

42, 60.422, 86.852

92, 60.422, 86.852

32, 60.422, 86.852

22, 60.422, 86.852

12, 60.422, 86.852

2, 60.422, 86.852

0, 60.422, 86.852

62, 60.422, 86.852

62, 60.422, 86.852

61, 63.851, 85.196

63, 55.099, 88.335

60, 65.292, 84.012

65, 48.526, 89.720

66, 41.240, 91.054

67, 33.598, 92.355

69, 25.813, 93.629

70, 18.006, 94.872

72, 10.243, 96.077

74, 2.558, 97.201

75, 5.035, 278.432

Harmonies

Complementary

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



62, 60.422, 86.852



33, 71.262, 295.826

Rectangle

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



62, 60.422, 86.852



62, 60.422, 136.852



62, 60.422, 266.852



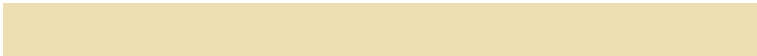
62, 60.422, 316.852

Sweetspot

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



62, 60.421, 86.855



89, 23.882, 94.619



40, 62.380, 16.988



47, 16.449, 94.185



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 60.421, 86.855



76, 79.417, 83.640



69, 72.851, 116.301



38, 4.356, 96.547



52, 58.134, 84.280



7, 10.713, 90.053

Inverse Universe

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



33, 71.262, 295.826



36, 106.823, 301.324



28, 91.100, 307.317



36, 4.391, 278.815



23, 75.899, 300.460



2, 12.708, 281.801

Previews

White Background



This preview shows how the CIELCh color 62, 60.422, 86.852 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 62, 60.422, 86.852 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 62, 60.422, 86.852

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.422, 86.852.



This preview shows how white text looks on a background with the CIELCh color 62, 60.422, 86.852.

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

62, 60.422, 86.852

Protanopia

62, 59.496, 95.017

Deuteranopia

62, 60.553, 82.252



Tritanopia
62, 22.809, 6.412

Trichromacy



Original Color
62, 60.422, 86.852

Protanomaly
62, 59.734, 91.820

Deuteranomaly
62, 60.623, 83.665

Tritanomaly
62, 29.293, 61.845

Monochromacy



Original Color
62, 60.422, 86.852

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 24.164, 93.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.422, 86.852 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(182, 145, 30)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 30)  
}
```

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(182, 145, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.422, 86.852 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(182, 145, 30) }
```

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

```
.border{ border-color:rgb(182, 145, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 30);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.422, 86.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 30) }
```

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

```
.background{ background-color: rgb(182,  
145, 30) }
```

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