

Converting Colors

CIELCh(60, 73.611, 83.848)

Have a look what the booklet for
CIELCh(60, 73.611, 83.848) contains.

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Color

CIELCh(60, 65.687, 82.547)

Conversions

Conversions Part 1

Format	Color
Hex	B98900
RGB	185, 137, 0
RGB Percent	73%, 54%, 0%
CMY	0.2754, 0.4635, 1.0000
CMYK	0.00, 0.26, 1.00, 0.28
HSL	44°, 100%, 36%
HSV	44°, 100%, 72%
XYZ	28.8709, 28.1233, 3.8956
YIQ	135.7340, 72.5850, -32.4310

Conversions

Conversions Part 2

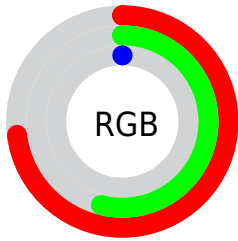
Format	Color
RYB	65, 185, 0
Decimal	12159232
CIELab	60.00, 8.52, 65.13
CIELCh	60, 65.687, 82.547
Yxy	28.1233, 0.4741, 0.4619
Android (android.graphics.Color)	4290349312 (0xFFB98900)
YUV	135.7340, -66.9169, 43.2063
Hunter-Lab	53.0314, 4.3722, 32.7667

Details

The CIELCh color **60, 65.687, 82.547** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **28, 85.518, 300.209**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 65.574, 82.330**, and **40, 49.432, 79.013** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.627, 82.539**, and if you desaturate by 10%, it is **61, 63.202, 84.420**.

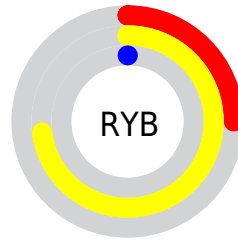
Distribution



Red (73%)

Green (54%)

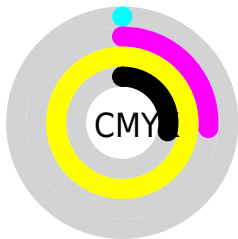
Blue (0%)



Red (25%)

Yellow (73%)

Blue (0%)

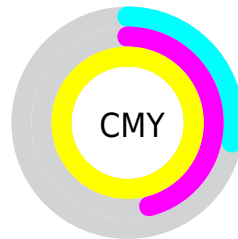


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 65.687, 82.547 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, 65.687, 82.547 by changing the saturation by 10% instead.

60, 65.687, 82.547

60, 65.687, 82.547

100, 65.687,
82.547

50, 65.687, 82.547

80, 65.687, 82.547

40, 65.687, 82.547

90, 65.687, 82.547

30, 65.687, 82.547

20, 65.687, 82.547

10, 65.687, 82.547

0, 65.687, 82.547

60, 65.687, 82.547

60, 65.687, 82.547

60, 65.627, 82.539

61, 63.202, 84.420

63, 58.969, 86.087

64, 53.059, 87.581

65, 46.120, 88.984

67, 38.635, 90.334

68, 30.903, 91.650

70, 23.098, 92.934

72, 15.316, 94.182

73, 7.605, 95.386

Harmonies

Complementary

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



60, 65.687, 82.547



28, 85.518, 300.209

Rectangle

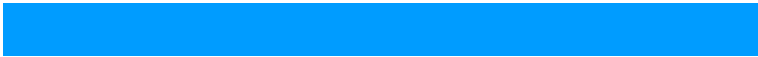
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 65.687, 82.547



60, 65.687, 132.547



60, 65.687, 262.547



60, 65.687, 312.547

Sweetspot

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



60, 65.627, 82.539



88, 28.543, 92.871



39, 70.041, 24.056



46, 19.495, 92.337



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 65.627, 82.539



76, 79.674, 82.146



70, 78.732, 116.501



38, 4.284, 95.464



51, 57.845, 82.850



7, 10.501, 88.403

Inverse Universe

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



28, 85.518, 300.209



37, 105.604, 300.711



24, 103.016, 307.564



36, 4.313, 277.761



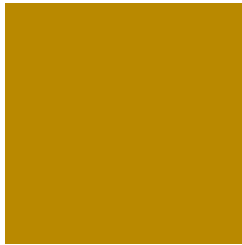
23, 74.330, 299.790



2, 12.545, 281.124

Previews

White Background



This preview shows how the CIELCh color 60, 65.687, 82.547 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, 65.687, 82.547 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, 65.687, 82.547

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.687, 82.547.



This preview shows how white text looks on a background with the CIELCh color 60, 65.687, 82.547.

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, 65.687, 82.547

Protanopia

60, 62.796, 94.851

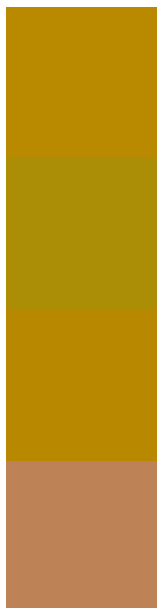
Deuteranopia

60, 65.320, 83.306



Tritanopia
60, 26.598, 10.405

Trichromacy



Original Color
60, 65.687, 82.547

Protanomaly
60, 63.503, 90.064

Deuteranomaly
60, 65.502, 82.925

Tritanomaly
60, 36.964, 61.870

Monochromacy



Original Color
60, 65.687, 82.547

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 28.766, 90.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.687, 82.547 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(185, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 137, 0)  
}
```

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(185, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.687, 82.547 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(185, 137, 0) }
```

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

```
.border{ border-color:rgb(185, 137, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 137, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.687, 82.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 137, 0) }
```

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

```
.background{ background-color: rgb(185,  
137, 0) }
```

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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