

Converting Colors

CIELCh(64, 58.051, 86.148)

Have a look what the booklet for
CIELCh(64, 58.051, 86.148) contains.

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Color

CIELCh(64, 57.937, 85.822)

Conversions

Conversions Part 1

Format	Color
Hex	BD962C
RGB	189, 150, 44
RGB Percent	74%, 59%, 17%
CMY	0.2589, 0.4118, 0.8275
CMYK	0.00, 0.21, 0.77, 0.26
HSL	44°, 62%, 46%
HSV	44°, 77%, 74%
XYZ	32.3360, 32.8017, 7.0073
YIQ	149.5770, 57.2700, -24.6980

Conversions

Conversions Part 2

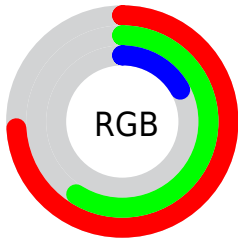
Format	Color
RYB	97, 189, 44
Decimal	12424748
CIELab	64.00, 4.22, 57.78
CIElCh	64, 57.937, 85.822
Yxy	32.8017, 0.4482, 0.4547
Android (android.graphics.Color)	4290614828 (0xFFBD962C)
YUV	149.5770, -52.0495, 34.5740
Hunter-Lab	57.2727, 0.5532, 32.8369

Details

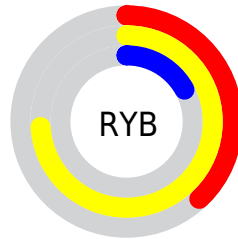
The CIELCh color **64, 57.937, 85.822** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **39, 64.561, 292.395**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 57.819, 85.749**, and **44, 51.489, 85.225** is the 20% darker color. If you saturate the color by 10%, you get **63, 62.901, 84.183**, and if you desaturate by 10%, it is **65, 51.502, 87.311**.

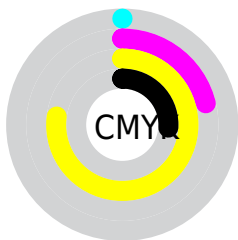
Distribution



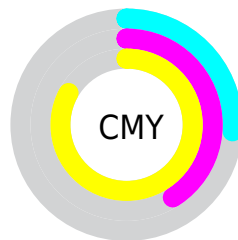
- Red (74%)
- Green (59%)
- Blue (17%)



- Red (38%)
- Yellow (74%)
- Blue (17%)



- Cyan (0%)
- Magenta (21%)
- Yellow (77%)
- Black (26%)



- Cyan (26%)
- Magenta (41%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 57.937, 85.822 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 64, 57.937, 85.822 by changing the saturation by 10% instead.

64, 57.937, 85.822

64, 57.937, 85.822

100, 57.937,
85.822

54, 57.937, 85.822

84, 57.937, 85.822

44, 57.937, 85.822

94, 57.937, 85.822

34, 57.937, 85.822

24, 57.937, 85.822

14, 57.937, 85.822

4, 57.937, 85.822

0, 57.937, 85.822

64, 57.937, 85.822

64, 57.937, 85.822

63, 62.901, 84.183

65, 51.502, 87.311

61, 65.795, 82.277

67, 44.218, 88.714

61, 66.556, 81.638

69, 36.513, 90.069

70, 28.640, 91.388

72, 20.743, 92.673

74, 12.899, 93.920

75, 5.147, 95.110

77, 2.497, 276.393

79, 10.027,
277.458

Harmonies

Complementary

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



64, 57.937, 85.822



39, 64.561, 292.395

Rectangle

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



64, 57.937, 85.822



64, 57.937, 135.822



64, 57.937, 265.822



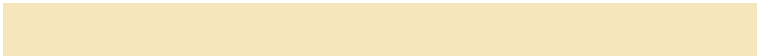
64, 57.937, 315.822

Sweetspot

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



64, 57.937, 85.825



91, 21.981, 93.097



43, 60.082, 11.518



48, 15.241, 92.640



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 57.937, 85.825



78, 79.036, 82.929



72, 70.822, 114.597



39, 4.340, 94.807



51, 58.382, 81.969



8, 11.848, 86.599

Inverse Universe

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



39, 64.561, 292.395



42, 97.374, 297.897



32, 87.632, 306.237



37, 4.366, 277.129



24, 74.372, 299.421



2, 14.178, 281.597

Previews

White Background



This preview shows how the CIELCh color 64, 57.937, 85.822 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 64, 57.937, 85.822 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 64, 57.937, 85.822

Background



This preview shows how black text looks on a background with the CIELCh color 64, 57.937, 85.822.



This preview shows how white text looks on a background with the CIELCh color 64, 57.937, 85.822.

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


64, 57.937, 85.822

Protanopia

64, 57.288, 95.668

Deuteranopia

64, 58.146, 81.540



Tritanopia
64, 23.056, 6.636

Trichromacy



Original Color
64, 57.937, 85.822

Protanomaly
64, 57.159, 92.363

Deuteranomaly
64, 57.914, 82.933

Tritanomaly
64, 28.178, 59.261

Monochromacy



Original Color
64, 57.937, 85.822

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 22.503, 92.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 57.937, 85.822 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(189, 150, 44)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 44)  
}
```

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(189, 150, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 57.937, 85.822 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(189, 150, 44) }
```

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

```
.border{ border-color:rgb(189, 150, 44) }
```

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

Here you see how a box with a 4 pixel rgb(189, 150, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 44);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 57.937, 85.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 150, 44) }
```

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

```
.background{ background-color: rgb(189,  
150, 44) }
```

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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