

Converting Colors

CIELCh(63, 41.941, 81.530)

Have a look what the booklet for
CIELCh(63, 41.941, 81.530) contains.

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Color

CIELCh(63, 41.903, 81.585)

Conversions

Conversions Part 1

Format	Color
Hex	B9934E
RGB	185, 147, 78
RGB Percent	73%, 58%, 31%
CMY	0.2759, 0.4247, 0.6953
CMYK	0.00, 0.21, 0.58, 0.28
HSL	39°, 43%, 51%
HSV	39°, 58%, 72%
XYZ	31.6738, 31.5869, 11.5792
YIQ	150.4960, 44.7970, -13.4030

Conversions

Conversions Part 2

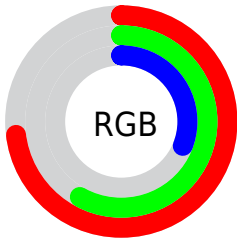
Format	Color
RYB	137, 185, 78
Decimal	12161870
CIELab	63.00, 6.13, 41.45
CIELCh	63, 41.903, 81.585
Yxy	31.5869, 0.4232, 0.4221
Android (android.graphics.Color)	4290351950 (0xFFB9934E)
YUV	150.4960, -35.7405, 30.2600
Hunter-Lab	56.2022, 2.2429, 27.1263

Details

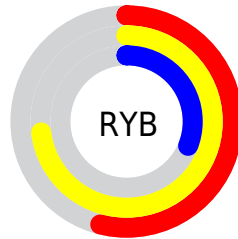
The CIELCh color **63, 41.903, 81.585** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **49, 41.186, 280.703**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 41.836, 81.899**, and **43, 42.008, 81.872** is the 20% darker color. If you saturate the color by 10%, you get **61, 49.055, 80.066**, and if you desaturate by 10%, it is **65, 34.497, 83.032**.

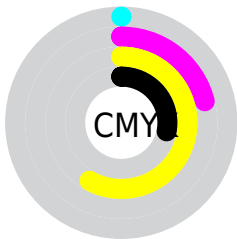
Distribution



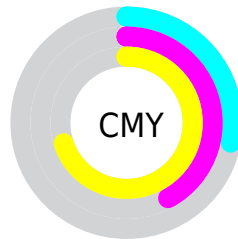
- Red (73%)
- Green (58%)
- Blue (31%)



- Red (54%)
- Yellow (73%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (58%)
- Black (28%)



- Cyan (28%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 41.903, 81.585 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, 41.903, 81.585 by changing the saturation by 10% instead.

63, 41.903, 81.585

63, 41.903, 81.585

100, 41.903,
81.585

53, 41.903, 81.585

83, 41.903, 81.585

43, 41.903, 81.585

93, 41.903, 81.585

33, 41.903, 81.585

23, 41.903, 81.585

13, 41.903, 81.585

3, 41.903, 81.585

0, 41.903, 81.585

63, 41.903, 81.585

63, 41.903, 81.585

61, 49.055, 80.066

65, 34.497, 83.032

■ 59, 55.548, 78.398

■ 67, 27.061, 84.425

■ 58, 60.744, 76.454

■ 69, 19.711, 85.776

■ 56, 64.081, 74.090

■ 71, 12.503, 87.085

■ 56, 64.733, 73.604

■ 73, 5.456, 88.335

■ 75, 1.426, 269.779

■ 78, 8.149, 270.821

■ 80, 14.722,
271.940

■ 82, 21.159,
273.014

Harmonies

Complementary

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



63, 41.903, 81.585



49, 41.186, 280.703

Rectangle

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



63, 41.903, 81.585



63, 41.903, 131.585



63, 41.903, 261.585



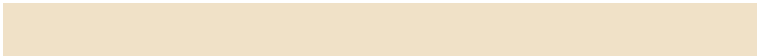
63, 41.903, 311.585

Sweetspot

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



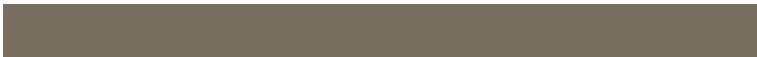
63, 41.903, 81.589



90, 14.650, 87.167



48, 47.116, 359.396



47, 9.817, 86.911



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 41.903, 81.589



77, 62.328, 79.547



72, 55.223, 111.212



38, 3.892, 88.164



47, 57.027, 74.040



6, 9.492, 77.869

Inverse Universe

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



49, 41.186, 280.703



56, 62.264, 284.898



40, 64.723, 302.035



36, 3.882, 270.610



27, 64.375, 294.832



3, 11.607, 276.671

Previews

White Background



This preview shows how the CIELCh color 63, 41.903, 81.585 looks on a white background.

Color Contrast Check

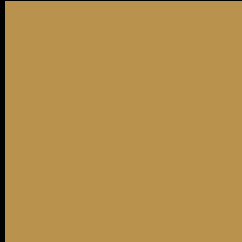
Large Text (above 18pt) WCAG AA × Fail

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, 41.903, 81.585 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, 41.903, 81.585

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.903, 81.585.



This preview shows how white text looks on a background with the CIELCh color 63, 41.903, 81.585.

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, 41.903, 81.585

Protanopia

63, 40.222, 96.159

Deuteranopia

63, 42.165, 78.336



Tritanopia
63, 21.427, 6.754

Trichromacy



Original Color
63, 41.903, 81.585

Protanomaly
63, 40.648, 91.029

Deuteranomaly
63, 42.126, 79.683

Tritanomaly
63, 22.845, 48.276

Monochromacy



Original Color
63, 41.903, 81.585

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 15.132, 85.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.903, 81.585 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, 147, 78)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 78)  
}
```

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, 147, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.903, 81.585 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, 147, 78) }
```

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

```
.border{ border-color:rgb(185, 147, 78) }
```

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

Here you see how a box with a 4 pixel rgb(185, 147, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 147, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 147, 78);  
box-shadow:4px 4px 4px 4px rgb(185, 147,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.903, 81.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 147, 78) }
```

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

```
.background{ background-color: rgb(185,  
147, 78) }
```

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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