

Converting Colors

CIELCh(63, 21.247, 38.049)

Have a look what the booklet for
CIELCh(63, 21.247, 38.049) contains.

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Color

CIELCh(63, 21.128, 37.892)

Conversions

Conversions Part 1

Format	Color
Hex	BD8D82
RGB	189, 141, 130
RGB Percent	74%, 55%, 51%
CMY	0.2578, 0.4461, 0.4893
CMYK	0.00, 0.25, 0.31, 0.26
HSL	11°, 31%, 63%
HSV	11°, 31%, 74%
XYZ	34.6521, 31.5869, 25.4698
YIQ	154.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

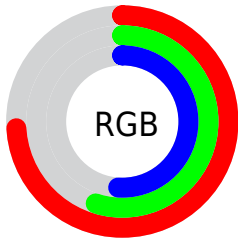
Format	Color
R _{YB}	189, 144, 130
Decimal	12422530
CIE Lab	63.00, 16.67, 12.98
CIE LCh	63, 21.128, 37.892
Yxy	31.5869, 0.3778, 0.3444
Android (android.graphics.Color)	4290612610 (0xFFBD8D82)
YUV	154.0980, -11.8803, 30.6091
Hunter-Lab	56.2022, 11.7021, 12.4724

Details

The CIELCh color **63, 21.128, 37.892** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 17.004, 219.156**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 20.959, 38.206**, and **43, 20.803, 38.314** is the 20% darker color. If you saturate the color by 10%, you get **59, 29.076, 38.217**, and if you desaturate by 10%, it is **67, 13.768, 37.752**.

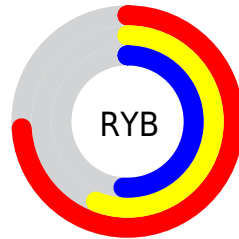
Distribution



Red (74%)

Green (55%)

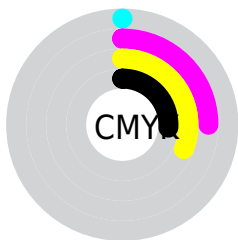
Blue (51%)



Red (74%)

Yellow (56%)

Blue (51%)

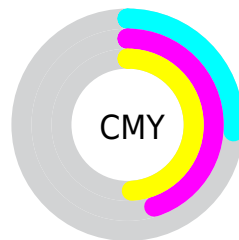


Cyan (0%)

Magenta (25%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 21.128, 37.892 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, 21.128, 37.892 by changing the saturation by 10% instead.

■ 63, 21.128, 37.892

■ 63, 21.128, 37.892

■ 100, 21.128,
37.892

■ 53, 21.128, 37.892

■ 83, 21.128, 37.892

■ 43, 21.128, 37.892

■ 93, 21.128, 37.892

■ 33, 21.128, 37.892

■ 23, 21.128, 37.892

■ 13, 21.128, 37.892

■ 3, 21.128, 37.892

■ 0, 21.128, 37.892

■ 63, 21.128, 37.892

■ 63, 21.128, 37.892

■ 59, 29.076, 38.217

■ 67, 13.768, 37.752

55, 37.606, 38.751

72, 6.976, 37.721

51, 46.647, 39.531

76, 0.709, 37.170

48, 56.026, 40.550

81, 5.080, 218.204

45, 65.356, 41.691

85, 10.445,
218.401

43, 73.780, 42.581

90, 15.435,
218.676

41, 79.788, 43.062

94, 19.508,
207.403

96, 21.321,
198.104

Harmonies

Complementary

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



63, 21.128, 37.892



70, 17.004, 219.156

Rectangle

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



63, 21.128, 37.892



63, 21.128, 87.892



63, 21.128, 217.892



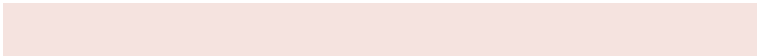
63, 21.128, 267.892

Sweetspot

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



63, 21.127, 37.898



91, 6.859, 37.719



62, 34.487, 331.908



48, 4.793, 37.720



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 21.127, 37.898



77, 31.722, 38.080



70, 23.282, 88.478



38, 3.499, 37.719



34, 69.450, 43.306



4, 10.884, 31.609

Inverse Universe

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



70, 17.004, 219.156



86, 24.231, 219.629



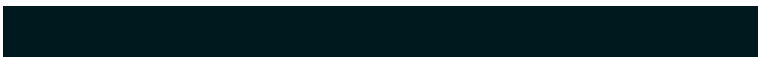
62, 23.273, 277.212



39, 3.301, 218.223



50, 30.551, 232.138



7, 9.541, 226.240

Previews

White Background



This preview shows how the CIELCh color 63, 21.128, 37.892 looks on a white background.

Color Contrast Check

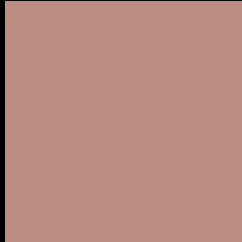
Large Text (above 18pt) WCAG AA × Fail

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, 21.128, 37.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

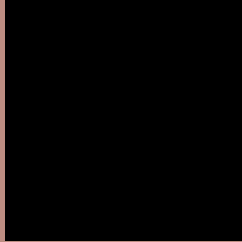
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 21.128, 37.892

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.128, 37.892.



This preview shows how white text looks on a background with the CIELCh color 63, 21.128, 37.892.

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, 21.128, 37.892

Protanopia

63, 9.337, 91.609

Deuteranopia

63, 15.792, 59.307



Tritanopia
63, 21.940, 5.679

Trichromacy



Original Color
63, 21.128, 37.892

Protanomaly
63, 11.961, 60.485

Deuteranomaly
63, 17.609, 50.698

Tritanomaly
63, 20.759, 16.977

Monochromacy



Original Color
63, 21.128, 37.892

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 7.497, 37.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.128, 37.892 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, 141, 130)` looks like.

```
.text, #text, p{  
    color:rgb(189, 141, 130)  
}
```

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, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 141, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.128, 37.892 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, 141, 130) }
```

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

```
.border{ border-color:rgb(189, 141, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 141, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 141, 130);  
box-shadow:4px 4px 4px 4px rgb(189, 141,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.128, 37.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 141, 130) }
```

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

```
.background{ background-color: rgb(189,  
141, 130) }
```

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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