

Converting Colors

CIELCh(62, 31.320, 63.824)

Have a look what the booklet for
CIELCh(62, 31.320, 63.824) contains.

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Color

CIELCh(62, 31.269, 63.848)

Conversions

Conversions Part 1

Format	Color
Hex	BD8C65
RGB	189, 140, 101
RGB Percent	74%, 55%, 40%
CMY	0.2599, 0.4519, 0.6048
CMYK	0.00, 0.26, 0.47, 0.26
HSL	27°, 40%, 57%
HSV	27°, 47%, 74%
XYZ	32.5980, 30.4025, 16.4012
YIQ	150.2050, 41.7230, -1.7410

Conversions

Conversions Part 2

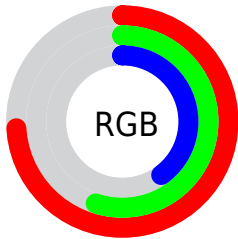
Format	Color
RYB	189, 171, 101
Decimal	12422245
CIELab	62.00, 13.78, 28.07
CIElCh	62, 31.269, 63.848
Yxy	30.4025, 0.4105, 0.3829
Android (android.graphics.Color)	4290612325 (0xFFBD8C65)
YUV	150.2050, -24.2581, 34.0232
Hunter-Lab	55.1385, 9.0372, 20.9608

Details

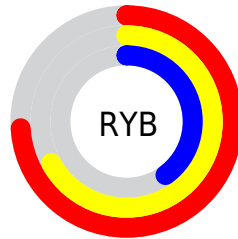
The CIELCh color **62, 31.269, 63.848** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 25.999, 257.167**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 31.422, 64.544**, and **42, 31.328, 64.458** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.014, 62.776**, and if you desaturate by 10%, it is **65, 23.872, 64.940**.

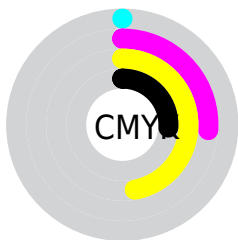
Distribution



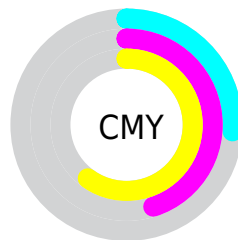
- Red (74%)
- Green (55%)
- Blue (40%)



- Red (74%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (26%)



- Cyan (26%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 31.269, 63.848 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, 31.269, 63.848 by changing the saturation by 10% instead.

62, 31.269, 63.848

62, 31.269, 63.848

100, 31.269,
63.848

52, 31.269, 63.848

82, 31.269, 63.848

42, 31.269, 63.848

92, 31.269, 63.848

32, 31.269, 63.848

22, 31.269, 63.848

12, 31.269, 63.848

2, 31.269, 63.848

0, 31.269, 63.848

62, 31.269, 63.848

62, 31.269, 63.848

59, 39.014, 62.776

65, 23.872, 64.940

56, 46.989, 61.677

68, 16.860, 66.040

54, 54.912, 60.468

71, 10.230, 67.143

51, 62.201, 58.949

74, 3.958, 68.202

49, 67.955, 56.791

78, 1.988, 249.612

48, 69.808, 56.103

81, 7.641, 250.559

84, 13.034,
251.607

87, 18.198,
252.637

90, 17.915,
235.689

Harmonies

Complementary

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



62, 31.269, 63.848



60, 25.999, 257.167

Rectangle

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



62, 31.269, 63.848



62, 31.269, 113.848



62, 31.269, 243.848



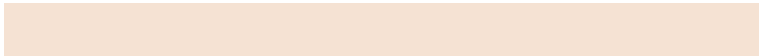
62, 31.269, 293.848

Sweetspot

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



62, 31.269, 63.853



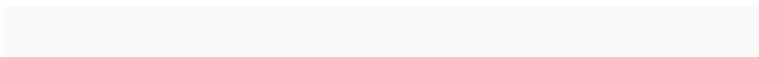
91, 10.581, 67.404



54, 43.045, 344.600



48, 7.346, 67.168



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 31.269, 63.853



75, 47.711, 62.744



73, 43.295, 102.613



38, 3.420, 67.925



41, 61.011, 56.649



5, 10.033, 53.456

Inverse Universe

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



60, 25.999, 257.167



72, 37.905, 260.095



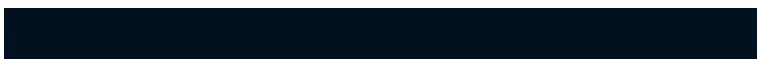
48, 48.279, 294.202



38, 3.319, 250.233



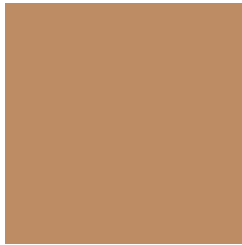
37, 44.544, 277.284



5, 10.915, 263.309

Previews

White Background



This preview shows how the CIELCh color 62, 31.269, 63.848 looks on a white background.

Color Contrast Check

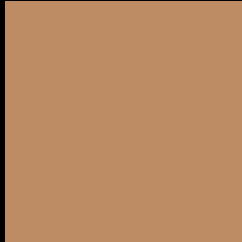
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 31.269, 63.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

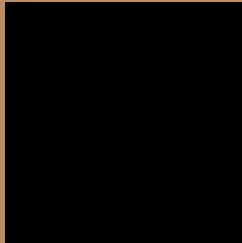
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.269, 63.848

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.269, 63.848.



This preview shows how white text looks on a background with the CIELCh color 62, 31.269, 63.848.

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, 31.269, 63.848

Protanopia

62, 25.496, 95.670

Deuteranopia

62, 29.518, 74.868



Tritanopia
62, 24.350, 8.959

Trichromacy



Original Color
62, 31.269, 63.848

Protanomaly
62, 26.650, 82.257

Deuteranomaly
62, 30.030, 70.410

Tritanomaly
62, 23.646, 32.402

Monochromacy



Original Color
62, 31.269, 63.848

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.778, 66.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.269, 63.848 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, 140, 101)` looks like.

```
.text, #text, p{  
    color:rgb(189, 140, 101)  
}
```

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, 140, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 140, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.269, 63.848 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, 140, 101) }
```

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

```
.border{ border-color:rgb(189, 140, 101) }
```

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

Here you see how a box with a 4 pixel rgb(189, 140, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 140, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 140, 101);  
box-shadow:4px 4px 4px 4px rgb(189, 140,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.269, 63.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 140, 101) }
```

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

```
.background{ background-color: rgb(189,  
140, 101) }
```

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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