

Converting Colors

CIELCh(63, 31.065, 69.718)

Have a look what the booklet for
CIELCh(63, 31.065, 69.718) contains.

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Color

CIELCh(63, 30.976, 69.716)

Conversions

Conversions Part 1

Format	Color
Hex	BB9065
RGB	187, 144, 101
RGB Percent	73%, 56%, 40%
CMY	0.2654, 0.4341, 0.6028
CMYK	0.00, 0.23, 0.46, 0.27
HSL	30°, 39%, 57%
HSV	30°, 46%, 73%
XYZ	32.9533, 31.5869, 16.7444
YIQ	151.9550, 39.4310, -4.2570

Conversions

Conversions Part 2

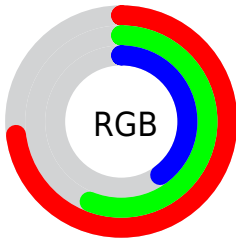
Format	Color
RYB	187, 187, 101
Decimal	12292197
CIELab	63.00, 10.74, 29.06
CIELCh	63, 30.976, 69.716
Yxy	31.5869, 0.4054, 0.3886
Android (android.graphics.Color)	4290482277 (0xFFBB9065)
YUV	151.9550, -25.1208, 30.7345
Hunter-Lab	56.2022, 6.3067, 21.6773

Details

The CIELCh color **63, 30.976, 69.716** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 27.154, 263.707**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.241, 70.096**, and **43, 31.244, 69.991** is the 20% darker color. If you saturate the color by 10%, you get **60, 38.530, 68.444**, and if you desaturate by 10%, it is **66, 23.680, 70.979**.

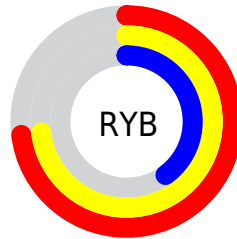
Distribution



Red (73%)

Green (56%)

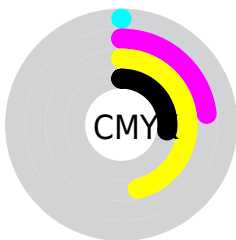
Blue (40%)



Red (73%)

Yellow (73%)

Blue (40%)

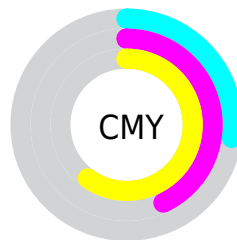


Cyan (0%)

Magenta (23%)

Yellow (46%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 30.976, 69.716 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, 30.976, 69.716 by changing the saturation by 10% instead.

■ 63, 30.976, 69.716

■ 63, 30.976, 69.716

■ 100, 30.976,
69.716

■ 53, 30.976, 69.716

■ 83, 30.976, 69.716

■ 43, 30.976, 69.716

■ 93, 30.976, 69.716

■ 33, 30.976, 69.716

■ 23, 30.976, 69.716

■ 13, 30.976, 69.716

■ 3, 30.976, 69.716

■ 0, 30.976, 69.716

■ 63, 30.976, 69.716

■ 63, 30.976, 69.716

■ 60, 38.530, 68.444

■ 66, 23.680, 70.979

58, 46.210, 67.116

69, 16.691, 72.225

55, 53.725, 65.657

71, 10.016, 73.451

53, 60.506, 63.892

74, 3.641, 74.611

51, 65.692, 61.519

77, 2.456, 256.045

50, 67.618, 60.552

80, 8.304, 257.108

83, 13.929,
258.217

86, 19.355,
259.294

89, 18.778,
246.211

Harmonies

Complementary

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



63, 30.976, 69.716



58, 27.154, 263.707

Rectangle

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



63, 30.976, 69.716



63, 30.976, 119.716



63, 30.976, 249.716



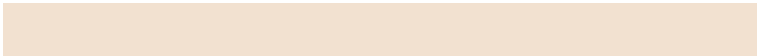
63, 30.976, 299.716

Sweetspot

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



63, 30.976, 69.721



91, 10.804, 73.656



54, 41.009, 347.380



48, 7.557, 73.395



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, 30.976, 69.721



77, 46.687, 68.450



74, 44.358, 105.085



38, 3.530, 74.230



43, 59.493, 61.077



6, 10.072, 59.621

Inverse Universe

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



58, 27.154, 263.707



70, 39.723, 266.523



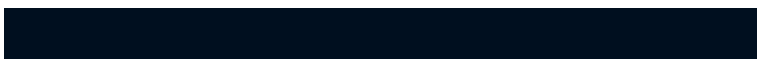
47, 49.963, 295.993



38, 3.455, 256.683



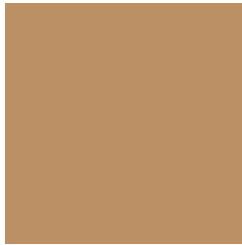
34, 49.931, 283.485



4, 11.553, 268.434

Previews

White Background



This preview shows how the CIELCh color 63, 30.976, 69.716 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, 30.976, 69.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

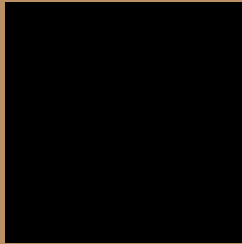
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 30.976, 69.716

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.976, 69.716.



This preview shows how white text looks on a background with the CIELCh color 63, 30.976, 69.716.

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, 30.976, 69.716

Protanopia

63, 27.008, 96.201

Deuteranopia

63, 30.167, 74.693



Tritanopia
63, 22.331, 6.021

Trichromacy



Original Color
63, 30.976, 69.716

Protanomaly
63, 27.485, 85.992

Deuteranomaly
63, 30.539, 72.169

Tritanomaly
63, 21.394, 33.255

Monochromacy



Original Color
63, 30.976, 69.716

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.624, 71.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.976, 69.716 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(187, 144, 101)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 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(187, 144, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.976, 69.716 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(187, 144, 101) }
```

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

```
.border{ border-color:rgb(187, 144, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 101);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.976, 69.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 101) }
```

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

```
.background{ background-color: rgb(187,  
144, 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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