

Converting Colors

CIELCh(60, 28.759, 65.511)

Have a look what the booklet for
CIELCh(60, 28.759, 65.511) contains.

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Color

CIELCh(60, 28.973, 65.443)

Conversions

Conversions Part 1

Format	Color
Hex	B48863
RGB	180, 136, 99
RGB Percent	71%, 53%, 39%
CMY	0.2950, 0.4675, 0.6125
CMYK	0.00, 0.24, 0.45, 0.30
HSL	27°, 35%, 55%
HSV	27°, 45%, 70%
XYZ	29.7877, 28.1233, 15.6131
YIQ	144.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

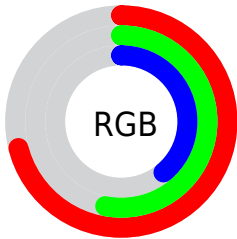
Format	Color
RYB	180, 167, 99
Decimal	11831395
CIELab	60.00, 12.04, 26.35
CIElCh	60, 28.973, 65.443
Yxy	28.1233, 0.4051, 0.3825
Android (android.graphics.Color)	4290021475 (0xFFB48863)
YUV	144.9380, -22.6474, 30.7494
Hunter-Lab	53.0314, 7.4581, 19.6664

Details

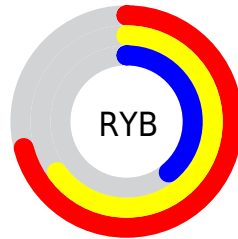
The CIELCh color **60, 28.973, 65.443** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 24.560, 258.408**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 28.887, 65.404**, and **40, 28.781, 65.018** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.334, 64.319**, and if you desaturate by 10%, it is **63, 21.935, 66.581**.

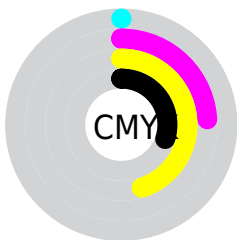
Distribution



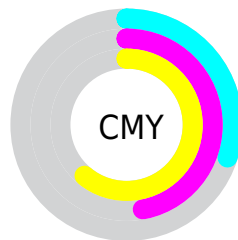
- Red (71%)
- Green (53%)
- Blue (39%)



- Red (71%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (30%)



- Cyan (30%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.973, 65.443 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 60, 28.973, 65.443 by changing the saturation by 10% instead.

60, 28.973, 65.443

60, 28.973, 65.443

100, 28.973,
65.443

50, 28.973, 65.443

80, 28.973, 65.443

40, 28.973, 65.443

90, 28.973, 65.443

30, 28.973, 65.443

20, 28.973, 65.443

10, 28.973, 65.443

0, 28.973, 65.443

60, 28.973, 65.443

60, 28.973, 65.443

57, 36.334, 64.319

63, 21.935, 66.581

55, 43.919, 63.169

66, 15.252, 67.719

■ 52, 51.488, 61.922

■ 69, 8.917, 68.852

■ 50, 58.546, 60.409

■ 72, 2.908, 69.910

■ 48, 64.242, 58.306

■ 75, 2.803, 251.301

■ 47, 66.818, 57.261

■ 78, 8.248, 252.322

■ 81, 13.457,
253.384

■ 84, 18.456,
254.421

■ 87, 21.108,
250.126

Harmonies

Complementary

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



60, 28.973, 65.443



58, 24.560, 258.408

Rectangle

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



60, 28.973, 65.443



60, 28.973, 115.443



60, 28.973, 245.443



60, 28.973, 295.443

Sweetspot

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



60, 28.973, 65.448



88, 10.282, 68.941



52, 39.678, 345.322



46, 7.134, 68.702



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 28.973, 65.448



73, 44.245, 64.332



71, 40.898, 103.609



36, 3.287, 69.481



40, 59.133, 57.780



4, 7.514, 58.390

Inverse Universe

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



58, 24.560, 258.408



70, 36.023, 261.131



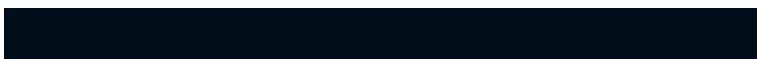
46, 45.547, 294.524



36, 3.197, 251.817



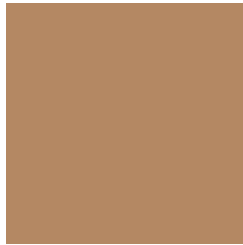
35, 44.588, 278.740



3, 8.478, 262.355

Previews

White Background



This preview shows how the CIELCh color 60, 28.973, 65.443 looks on a white background.

Color Contrast Check

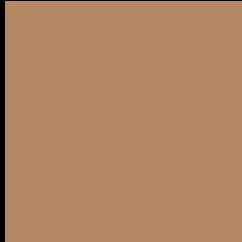
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 28.973, 65.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

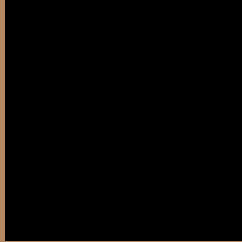
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 28.973, 65.443

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.973, 65.443.



This preview shows how white text looks on a background with the CIELCh color 60, 28.973, 65.443.

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

60, 28.973, 65.443

Protanopia

60, 23.936, 96.022

Deuteranopia

60, 27.771, 74.710



Tritanopia
60, 22.477, 7.578

Trichromacy



Original Color
60, 28.973, 65.443

Protanomaly
60, 25.185, 83.973

Deuteranomaly
60, 28.144, 71.947

Tritanomaly
60, 21.500, 31.921

Monochromacy



Original Color
60, 28.973, 65.443

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 10.280, 69.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.973, 65.443 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(180, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(180, 136, 99)  
}
```

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(180, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 136, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.973, 65.443 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(180, 136, 99) }
```

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

```
.border{ border-color:rgb(180, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(180, 136,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.973, 65.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 136, 99) }
```

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

```
.background{ background-color: rgb(180,  
136, 99) }
```

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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