

Converting Colors

CIELCh(60, 45.171, 74.095)

Have a look what the booklet for
CIELCh(60, 45.171, 74.095) contains.

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Color

CIELCh(60, 45.171, 74.095)

Conversions

Conversions Part 1

Format	Color
Hex	BA8743
RGB	186, 135, 67
RGB Percent	73%, 53%, 26%
CMY	0.2711, 0.4710, 0.7377
CMYK	0.00, 0.27, 0.64, 0.27
HSL	34°, 47%, 50%
HSV	34°, 64%, 73%
XYZ	29.8766, 28.1233, 9.1469
YIQ	142.4970, 52.2240, -10.3360

Conversions

Conversions Part 2

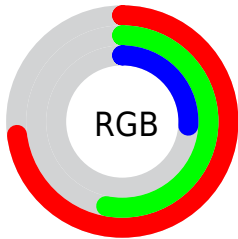
Format	Color
R_{YB}	156, 186, 67
Decimal	12224323
CIE _{Lab}	60.00, 12.38, 43.44
CIE _{LCh}	60, 45.171, 74.095
Yxy	28.1233, 0.4449, 0.4188
Android (android.graphics.Color)	4290414403 (0xFFBA8743)
YUV	142.4970, -37.2200, 38.1521
Hunter-Lab	53.0314, 7.7574, 26.8956

Details

The CIELCh color **60, 45.171, 74.095** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **49, 41.177, 276.408**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 45.314, 74.104**, and **40, 45.091, 73.823** is the 20% darker color. If you saturate the color by 10%, you get **58, 52.320, 72.507**, and if you desaturate by 10%, it is **62, 37.742, 75.565**.

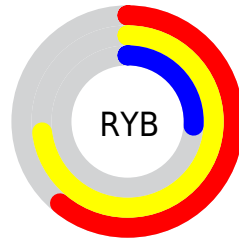
Distribution



Red (73%)

Green (53%)

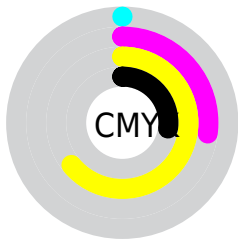
Blue (26%)



Red (61%)

Yellow (73%)

Blue (26%)

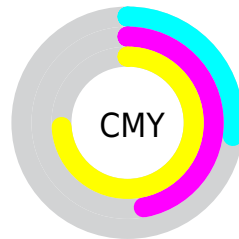


Cyan (0%)

Magenta (27%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 45.171, 74.095 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, 45.171, 74.095 by changing the saturation by 10% instead.

60, 45.171, 74.095

60, 45.171, 74.095

100, 45.171,
74.095

50, 45.171, 74.095

80, 45.171, 74.095

40, 45.171, 74.095

90, 45.171, 74.095

30, 45.171, 74.095

20, 45.171, 74.095

10, 45.171, 74.095

0, 45.171, 74.095

60, 45.171, 74.095

60, 45.171, 74.095

58, 52.320, 72.507

62, 37.742, 75.565

56, 58.662, 70.659

65, 30.322, 76.967

54, 63.404, 68.315

67, 23.053, 78.330

53, 65.661, 66.772

69, 15.996, 79.659

72, 9.171, 80.949

74, 2.576, 82.135

77, 3.803, 263.555

80, 9.984, 264.690

82, 15.985,
265.814

Harmonies

Complementary

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



60, 45.171, 74.095



49, 41.177, 276.408

Rectangle

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



60, 45.171, 74.095



60, 45.171, 124.095



60, 45.171, 254.095



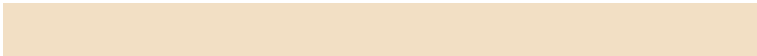
60, 45.171, 304.095

Sweetspot

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



60, 45.171, 74.099



90, 15.569, 80.271



47, 52.697, 355.954



47, 10.857, 79.897



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 45.171, 74.099



73, 67.297, 71.761



73, 60.065, 107.667



38, 3.641, 81.531



44, 57.488, 67.296



6, 9.013, 69.353

Inverse Universe

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



49, 41.177, 276.408



57, 61.661, 281.576



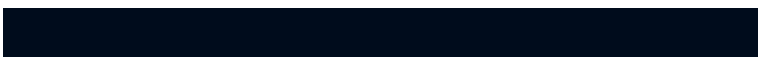
36, 72.634, 301.620



37, 3.600, 264.029



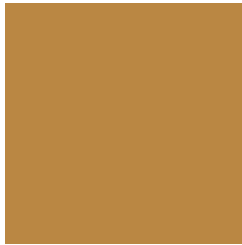
30, 56.554, 289.735



3, 10.904, 272.504

Previews

White Background



This preview shows how the CIELCh color 60, 45.171, 74.095 looks on a white background.

Color Contrast Check

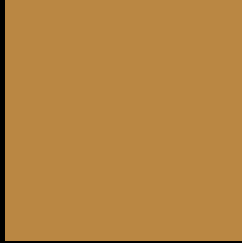
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.171, 74.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

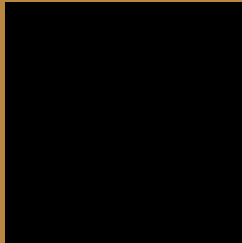
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 45.171, 74.095

Background



This preview shows how black text looks on a background with the CIELCh color 60, 45.171, 74.095.



This preview shows how white text looks on a background with the CIELCh color 60, 45.171, 74.095.

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, 45.171, 74.095

Protanopia

60, 41.469, 95.972

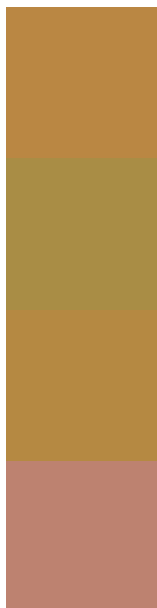
Deuteranopia

60, 44.364, 80.149



Tritanopia
60, 26.598, 10.405

Trichromacy



Original Color
60, 45.171, 74.095

Protanomaly
60, 41.739, 87.592

Deuteranomaly
60, 44.643, 78.342

Tritanomaly
60, 27.915, 42.678

Monochromacy



Original Color
60, 45.171, 74.095

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 15.816, 77.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 45.171, 74.095 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(186, 135, 67)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 67)  
}
```

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(186, 135, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 45.171, 74.095 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(186, 135, 67) }
```

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

```
.border{ border-color:rgb(186, 135, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 135, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 67);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 45.171, 74.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 67) }
```

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

```
.background{ background-color: rgb(186,  
135, 67) }
```

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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