

Converting Colors

CIELCh(49, 43.574, 26.280)

Have a look what the booklet for
CIELCh(49, 43.574, 26.280) contains.

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Color

CIELCh(49, 43.649, 26.337)

Conversions

Conversions Part 1

Format	Color
Hex	B85756
RGB	184, 87, 86
RGB Percent	72%, 34%, 34%
CMY	0.2796, 0.6598, 0.6637
CMYK	0.00, 0.53, 0.53, 0.28
HSL	1°, 41%, 53%
HSV	1°, 53%, 72%
XYZ	24.7507, 17.5941, 10.8434
YIQ	115.8890, 58.1330, 20.2530

Conversions

Conversions Part 2

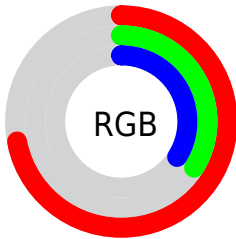
Format	Color
RYB	184, 87, 86
Decimal	12080982
CIELab	49.00, 39.12, 19.36
CIELCh	49, 43.649, 26.337
Yxy	17.5941, 0.4653, 0.3308
Android (android.graphics.Color)	4290271062 (0xFFB85756)
YUV	115.8890, -14.7353, 59.7333
Hunter-Lab	41.9453, 31.9234, 14.0344

Details

The CIELCh color **49, 43.649, 26.337** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 29.485, 198.170**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 43.891, 25.929**, and **29, 43.432, 26.240** is the 20% darker color. If you saturate the color by 10%, you get **45, 53.038, 28.759**, and if you desaturate by 10%, it is **53, 34.420, 24.456**.

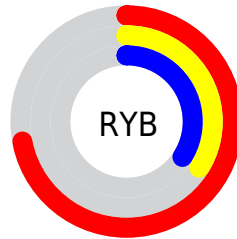
Distribution



Red (72%)

Green (34%)

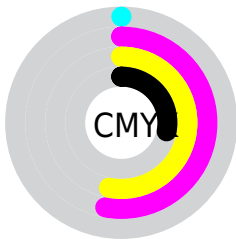
Blue (34%)



Red (72%)

Yellow (34%)

Blue (34%)

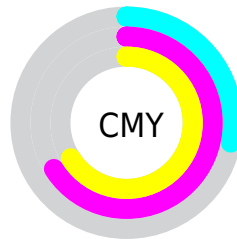


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (28%)



Cyan (28%)

Magenta (66%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 43.649, 26.337 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 49, 43.649, 26.337 by changing the saturation by 10% instead.

 49, 43.649, 26.337

 49, 43.649, 26.337

 100, 43.649,
26.337

 39, 43.649, 26.337

 69, 43.649, 26.337

 29, 43.649, 26.337

 79, 43.649, 26.337

 19, 43.649, 26.337

 89, 43.649, 26.337

 9, 43.649, 26.337

 99, 43.649, 26.337

 0, 43.649, 26.337

 49, 43.649, 26.337

 49, 43.649, 26.337

 45, 53.038, 28.759

 53, 34.420, 24.456

 42, 62.279, 31.750

 58, 25.573, 23.011

40, 70.891, 35.140

63, 17.238, 21.901

39, 77.895, 38.272

68, 9.468, 21.035

38, 81.594, 40.103

73, 2.268, 20.212

78, 4.391, 200.055

84, 10.555,
199.591

89, 16.274,
199.262

94, 21.601,
199.005

Harmonies

Complementary

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



49, 43.649, 26.337



69, 29.485, 198.170

Rectangle

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



49, 43.649, 26.337



49, 43.649, 76.337



49, 43.649, 206.337



49, 43.649, 256.337

Sweetspot

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



49, 43.647, 26.340



84, 14.286, 21.271



52, 63.088, 327.160



43, 9.717, 21.443



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



49, 43.647, 26.340



58, 66.762, 29.246



60, 35.954, 68.791



36, 3.964, 20.732



32, 71.731, 39.745



2, 10.559, 20.023

Inverse Universe

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



69, 29.485, 198.170



87, 40.812, 197.957



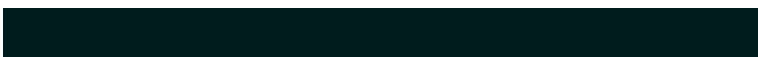
55, 30.827, 265.732



38, 3.738, 199.864



58, 34.155, 197.936



8, 10.349, 199.074

Previews

White Background



This preview shows how the CIELCh color 49, 43.649, 26.337 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 43.649, 26.337 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 49, 43.649, 26.337

Background



This preview shows how black text looks on a background with the CIELCh color 49, 43.649, 26.337.



This preview shows how white text looks on a background with the CIELCh color 49, 43.649, 26.337.

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





Tritanopia
49, 43.124, 21.327

Trichromacy



Original Color
49, 43.649, 26.337

Protanomaly
48, 18.632, 41.264

Deuteranomaly
49, 27.078, 46.977

Tritanomaly
49, 43.380, 22.818

Monochromacy



Original Color
49, 43.649, 26.337

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 15.456, 21.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 43.649, 26.337 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(184, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(184, 87, 86)  
}
```

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(184, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 87, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 43.649, 26.337 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(184, 87, 86) }
```

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

```
.border{ border-color:rgb(184, 87, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 87, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(184, 87,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 43.649, 26.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 87, 86) }
```

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

```
.background{ background-color: rgb(184, 87,  
86) }
```

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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