

Converting Colors

CIELCh(53, 44.273, 49.771)

Have a look what the booklet for
CIELCh(53, 44.273, 49.771) contains.

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Color

CIELCh(53, 44.273, 49.771)

Conversions

Conversions Part 1

Format	Color
Hex	BA6A46
RGB	186, 106, 70
RGB Percent	73%, 42%, 27%
CMY	0.2724, 0.5858, 0.7269
CMYK	0.00, 0.43, 0.62, 0.27
HSL	19°, 45%, 50%
HSV	19°, 62%, 73%
XYZ	26.3457, 21.0462, 8.4071
YIQ	125.8160, 59.2360, 5.7640

Conversions

Conversions Part 2

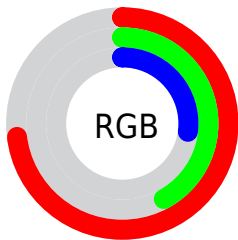
Format	Color
RYB	186, 122, 70
Decimal	12216902
CIELab	53.00, 28.59, 33.80
CIElCh	53, 44.273, 49.771
Yxy	21.0462, 0.4722, 0.3772
Android (android.graphics.Color)	4290406982 (0xFFBA6A46)
YUV	125.8160, -27.5173, 52.7814
Hunter-Lab	45.8761, 22.2257, 21.2480

Details

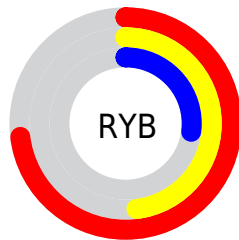
The CIELCh color **53, 44.273, 49.771** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **58, 29.262, 242.714**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.471, 49.691**, and **33, 44.349, 49.972** is the 20% darker color. If you saturate the color by 10%, you get **50, 52.949, 49.600**, and if you desaturate by 10%, it is **56, 35.895, 50.012**.

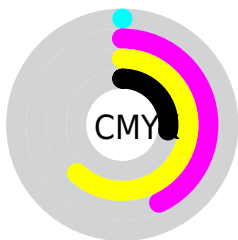
Distribution



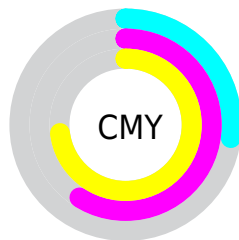
- Red (73%)
- Green (42%)
- Blue (27%)



- Red (73%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (59%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 44.273, 49.771 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 53, 44.273, 49.771 by changing the saturation by 10% instead.

 53, 44.273, 49.771

 53, 44.273, 49.771

 100, 44.273,
49.771

 43, 44.273, 49.771

 73, 44.273, 49.771

 33, 44.273, 49.771

 83, 44.273, 49.771

 23, 44.273, 49.771

 93, 44.273, 49.771

 13, 44.273, 49.771

 3, 44.273, 49.771

 0, 44.273, 49.771

 53, 44.273, 49.771

 53, 44.273, 49.771

 50, 52.949, 49.600

 56, 35.895, 50.012

 47, 61.527, 49.341

 60, 27.984, 50.355

45, 69.155, 48.644

63, 20.592, 50.805

43, 74.047, 47.926

67, 13.719, 51.343

71, 7.334, 51.937

74, 1.399, 52.340

78, 4.134, 233.506

82, 9.308, 234.177

86, 14.167,
234.904

Harmonies

Complementary

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



53, 44.273, 49.771



58, 29.262, 242.714

Rectangle

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



53, 44.273, 49.771



53, 44.273, 99.771



53, 44.273, 229.771



53, 44.273, 279.771

Sweetspot

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



53, 44.272, 49.775



87, 14.236, 51.526



48, 59.310, 339.392



45, 9.985, 51.359



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



53, 44.272, 49.775



63, 68.696, 49.525



67, 50.136, 92.945



37, 3.265, 52.122



36, 64.677, 48.394



4, 8.898, 42.639

Inverse Universe

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



58, 29.262, 242.714



71, 40.898, 247.338



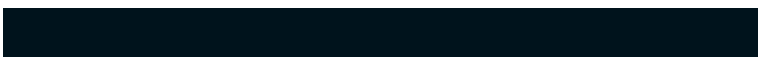
42, 55.743, 291.836



37, 3.111, 233.673



43, 34.197, 257.292



5, 8.729, 246.555

Previews

White Background



This preview shows how the CIELCh color 53, 44.273, 49.771 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 53, 44.273, 49.771 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 53, 44.273, 49.771

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.273, 49.771.



This preview shows how white text looks on a background with the CIELCh color 53, 44.273, 49.771.

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

53, 44.273, 49.771

Protanopia

53, 28.923, 95.700

Deuteranopia

53, 35.708, 78.758



Tritanopia
53, 37.420, 18.403

Trichromacy



Original Color
53, 44.273, 49.771

Protanomaly
53, 31.443, 73.719

Deuteranomaly
53, 37.701, 66.057

Tritanomaly
53, 38.254, 31.512

Monochromacy



Original Color
53, 44.273, 49.771

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 14.737, 50.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.273, 49.771 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, 106, 70)` looks like.

```
.text, #text, p{  
    color:rgb(186, 106, 70)  
}
```

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, 106, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 106, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.273, 49.771 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, 106, 70) }
```

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

```
.border{ border-color:rgb(186, 106, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 106, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 106, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 106, 70);  
box-shadow:4px 4px 4px 4px rgb(186, 106,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.273, 49.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 106, 70) }
```

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

```
.background{ background-color: rgb(186,  
106, 70) }
```

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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