

Converting Colors

CIELCh(43, 12.360, 60.172)

Have a look what the booklet for
CIELCh(43, 12.360, 60.172) contains.

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Color

CIELCh(43, 12.379, 62.436)

Conversions

Conversions Part 1	
Format	Color
Hex	766254
RGB	118, 98, 84
RGB Percent	46%, 38%, 33%
CMY	0.5383, 0.6167, 0.6715
CMYK	0.00, 0.17, 0.29, 0.54
HSL	25°, 17%, 40%
HSV	25°, 29%, 46%
XYZ	13.3703, 13.1578, 10.1722
YIQ	102.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

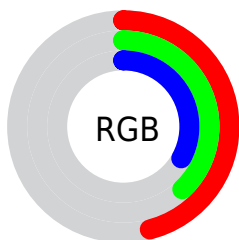
Format	Color
RYB	118, 108, 84
Decimal	7758420
CIELab	43.00, 5.73, 10.97
CIELCh	43, 12.379, 62.436
Yxy	13.1578, 0.3643, 0.3585
Android (android.graphics.Color)	4285948500 (0xFF766254)
YUV	102.3840, -9.0633, 13.6952
Hunter-Lab	36.2736, 2.3156, 8.7649

Details

The CIELCh color $43, 12.379, 62.436$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 11.007, 249.126$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.335, 62.332$, and $23, 12.447, 63.642$ is the 20% darker color. If you saturate the color by 10%, you get $41, 17.178, 61.497$, and if you desaturate by 10%, it is $45, 7.853, 63.410$.

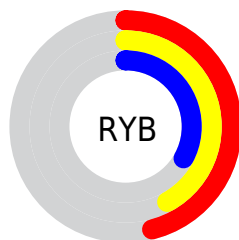
Distribution



Red (46%)

Green (38%)

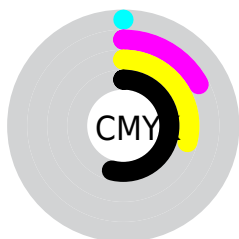
Blue (33%)



Red (46%)

Yellow (42%)

Blue (33%)

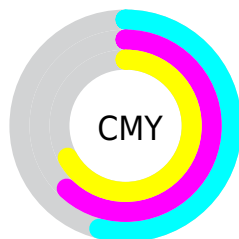


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (54%)



Cyan (54%)













Magenta (62%)

Yellow (67%)














Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 12.379, 62.436 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 43, 12.379, 62.436 by changing the saturation by 10% instead.

 43, 12.379, 62.436	 43, 12.379, 62.436
 100, 12.379, 62.436	 33, 12.379, 62.436
 63, 12.379, 62.436	 23, 12.379, 62.436
 73, 12.379, 62.436	 13, 12.379, 62.436
 83, 12.379, 62.436	 3, 12.379, 62.436
 93, 12.379, 62.436	 0, 12.379, 62.436

 43, 12.379, 62.436	 43, 12.379, 62.436
 41, 17.178, 61.497	 45, 7.853, 63.410
 39, 22.254, 60.578	 47, 3.583, 64.360

 37, 27.588, 59.687	 50, 0.452, 246.095
 35, 33.111, 58.797	 52, 4.277, 246.505
 33, 38.660, 57.835	 54, 7.913, 247.454
 31, 43.892, 56.628	 57, 11.383, 248.403
 30, 48.767, 55.381	 59, 14.707, 249.333
 29, 49.329, 55.276	 62, 17.901, 250.237
	 64, 20.981, 251.110

Harmonies

Complementary

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



43, 12.379, 62.436



43, 11.007, 249.126

Rectangle

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



43, 12.379, 62.436



43, 12.379, 112.436



43, 12.379, 242.436



43, 12.379, 292.436

Sweetspot

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



43, 12.379, 62.444



61, 4.515, 64.327



40, 18.690, 340.862



31, 3.129, 64.219



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 12.379, 62.444



53, 19.001, 61.777



48, 17.909, 102.888



23, 2.270, 64.345



31, 50.924, 55.221



62, 88.101, 53.195

Inverse Universe

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



43, 11.007, 249.126



53, 16.349, 250.385



38, 18.850, 289.345



23, 2.199, 246.384



30, 34.059, 272.012



60, 60.380, 274.968

Previews

White Background



This preview shows how the CIELCh color 43, 12.379, 62.436 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 CIE LCh color 43, 12.379, 62.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

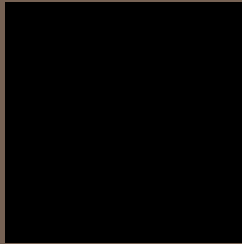
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 12.379, 62.436

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.379, 62.436.



This preview shows how white text looks on a background with the CIELCh color 43, 12.379, 62.436.

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

43, 12.379, 62.436

Protanopia

43, 9.360, 92.466

Deuteranopia

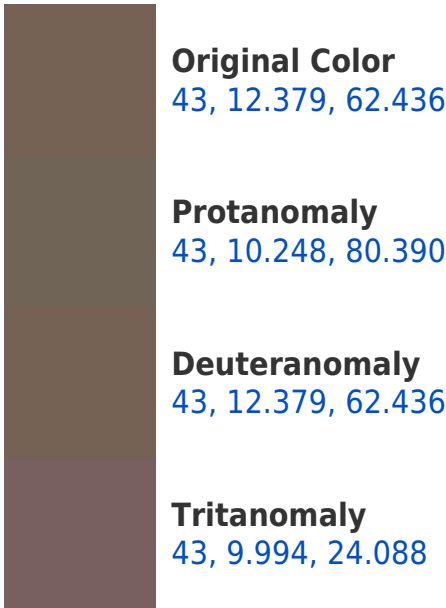
43, 12.379, 62.436



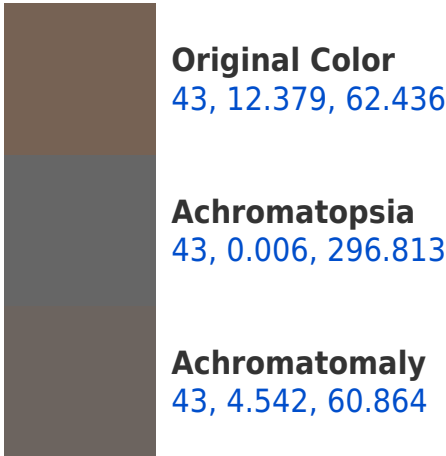
Tritanopia

43, 11.361, 359.380

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.379, 62.436 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(118, 98, 84)` looks like.

```
.text, #text, p{  
    color:rgb(118, 98, 84)  
}
```

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(118, 98, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 98, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.379, 62.436 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(118, 98, 84) }
```

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

```
.border{ border-color:rgb(118, 98, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 98, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 98, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 98, 84);  
box-shadow:4px 4px 4px 4px rgb(118, 98,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.379, 62.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 98, 84) }
```

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

```
.background{ background-color: rgb(118, 98,  
84) }
```

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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