

Converting Colors

CIELCh(44, 11.750, 39.059)

Have a look what the booklet for
CIELCh(44, 11.750, 39.059) contains.

CIELCh(44, 12.049, 37.890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 12.049, 37.890)

Conversions

Conversions Part 1

Format	Color
Hex	7C625C
RGB	124, 98, 92
RGB Percent	49%, 38%, 36%
CMY	0.5131, 0.6150, 0.6386
CMYK	0.00, 0.21, 0.26, 0.51
HSL	11°, 15%, 42%
HSV	11°, 26%, 49%
XYZ	14.6576, 13.8382, 12.0598
YIQ	105.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

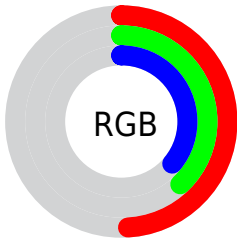
Format	Color
R_{YB}	124, 99, 92
Decimal	8151644
CIE _{Lab}	44.00, 9.51, 7.40
CIE _{LCh}	44, 12.049, 37.890
Yxy	13.8382, 0.3614, 0.3412
Android (android.graphics.Color)	4286341724 (0xFF7C625C)
YUV	105.0900, -6.4534, 16.5841
Hunter-Lab	37.1997, 5.2338, 6.8185

Details

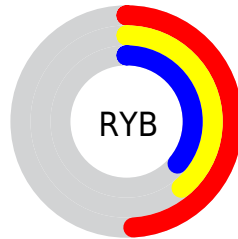
The CIELCh color **44, 12.049, 37.890** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **48, 10.185, 218.920**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.994, 39.165**, and **24, 12.057, 37.213** is the 20% darker color. If you saturate the color by 10%, you get **41, 17.407, 38.087**, and if you desaturate by 10%, it is **47, 7.085, 37.839**.

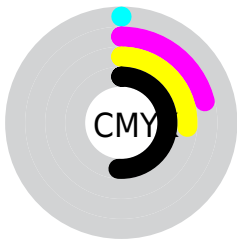
Distribution



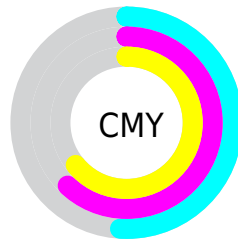
- Red (49%)
- Green (38%)
- Blue (36%)



- Red (49%)
- Yellow (39%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (51%)





















- Cyan (51%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 12.049, 37.890 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 44, 12.049, 37.890 by changing the saturation by 10% instead.

 44, 12.049, 37.890	 44, 12.049, 37.890
 100, 12.049, 37.890	 34, 12.049, 37.890
 64, 12.049, 37.890	 24, 12.049, 37.890
 74, 12.049, 37.890	 14, 12.049, 37.890
 84, 12.049, 37.890	 4, 12.049, 37.890
 94, 12.049, 37.890	 0, 12.049, 37.890

 44, 12.049, 37.890	 44, 12.049, 37.890
 41, 17.407, 38.087	 47, 7.085, 37.839
 38, 23.170, 38.449	 50, 2.494, 37.814

■ 35, 29.321, 39.021

■ 53, 1.756, 218.345

■ 33, 35.800, 39.825

■ 57, 5.699, 218.414

■ 31, 42.469, 40.837

■ 60, 9.369, 218.654

■ 29, 49.027, 41.921

■ 63, 12.798,
218.940

■ 27, 54.703, 42.560

■ 66, 16.013,
219.254

■ 27, 56.816, 42.852

■ 70, 19.041,
219.583

■ 73, 21.905,
219.921

Harmonies

Complementary

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



44, 12.049, 37.890



48, 10.185, 218.920

Rectangle

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



44, 12.049, 37.890



44, 12.049, 87.890



44, 12.049, 217.890



44, 12.049, 267.890

Sweetspot

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



44, 12.048, 37.898



63, 4.304, 37.834



43, 20.231, 331.493



32, 3.098, 37.837



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.048, 37.898



54, 18.320, 37.992



48, 13.565, 89.306



24, 2.434, 37.836



27, 57.125, 42.877



55, 99.588, 42.699

Inverse Universe

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



48, 10.185, 218.920



60, 14.814, 219.259



43, 13.557, 276.056



25, 2.306, 218.340



39, 25.726, 231.511



77, 43.437, 233.644

Previews

White Background



This preview shows how the CIELCh color 44, 12.049, 37.890 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 44, 12.049, 37.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

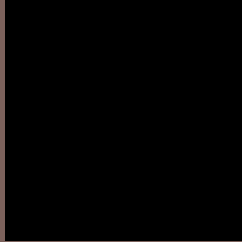
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 12.049, 37.890

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.049, 37.890.



This preview shows how white text looks on a background with the CIELCh color 44, 12.049, 37.890.

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

44, 12.049, 37.890

Protanopia

44, 5.625, 91.702

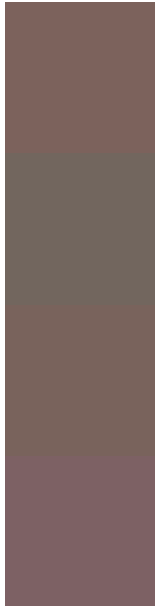
Deuteranopia

44, 9.640, 49.768



Tritanopia
44, 13.119, 359.964

Trichromacy



Original Color
44, 12.049, 37.890

Protanomaly
44, 7.063, 62.170

Deuteranomaly
44, 10.574, 43.589

Tritanomaly
44, 12.121, 12.585

Monochromacy



Original Color
44, 12.049, 37.890

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.199, 44.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.049, 37.890 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(124, 98, 92)` looks like.

```
.text, #text, p{  
    color:rgb(124, 98, 92)  
}
```

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(124, 98, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 98, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.049, 37.890 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(124, 98, 92) }
```

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

```
.border{ border-color:rgb(124, 98, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 98, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 98, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 98, 92);  
box-shadow:4px 4px 4px 4px rgb(124, 98,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.049, 37.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 98, 92) }
```

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

```
.background{ background-color: rgb(124, 98,  
92) }
```

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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