

Converting Colors

CIELCh(44, 46.688, 48.335)

Have a look what the booklet for
CIELCh(44, 46.688, 48.335) contains.

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Color

CIELCh(44, 46.874, 48.241)

Conversions

Conversions Part 1

Format	Color
Hex	A3512F
RGB	163, 81, 47
RGB Percent	64%, 32%, 18%
CMY	0.3614, 0.6829, 0.8162
CMYK	0.00, 0.50, 0.71, 0.36
HSL	18°, 55%, 41%
HSV	18°, 71%, 64%
XYZ	18.5139, 13.8382, 4.3713
YIQ	101.6420, 59.7860, 6.8100

Conversions

Conversions Part 2

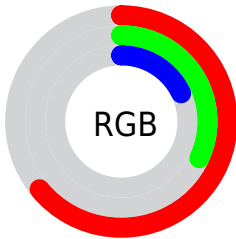
Format	Color
R_{YB}	163, 95, 47
Decimal	10703151
CIE _{Lab}	44.00, 31.22, 34.97
CIE _{LCh}	44, 46.874, 48.241
Yxy	13.8382, 0.5041, 0.3768
Android (android.graphics.Color)	4288893231 (0xFFA3512F)
YUV	101.6420, -26.9385, 53.8110
Hunter-Lab	37.1997, 23.7379, 19.0727

Details

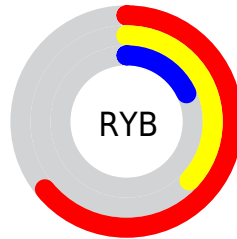
The CIELCh color **44, 46.874, 48.241** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **51, 28.540, 242.399**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 46.846, 48.626**, and **24, 46.963, 48.358** is the 20% darker color. If you saturate the color by 10%, you get **41, 54.744, 48.197**, and if you desaturate by 10%, it is **47, 39.020, 48.271**.

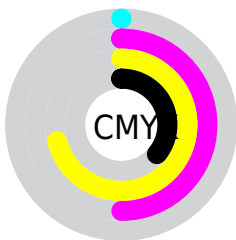
Distribution



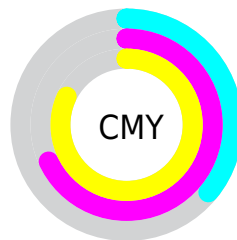
- Red (64%)
- Green (32%)
- Blue (18%)



- Red (64%)
- Yellow (37%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 46.874, 48.241 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, 46.874, 48.241 by changing the saturation by 10% instead.

■ 44, 46.874, 48.241

■ 44, 46.874, 48.241

■ 100, 46.874,
48.241

■ 34, 46.874, 48.241

■ 64, 46.874, 48.241

■ 24, 46.874, 48.241

■ 74, 46.874, 48.241

■ 14, 46.874, 48.241

■ 84, 46.874, 48.241

■ 4, 46.874, 48.241

■ 94, 46.874, 48.241

■ 0, 46.874, 48.241

■ 44, 46.874, 48.241

■ 44, 46.874, 48.241

■ 41, 54.744, 48.197

■ 47, 39.020, 48.271

■ 39, 61.975, 47.830

■ 50, 31.485, 48.392

38, 67.604, 47.417

53, 24.390, 48.636

56, 17.771, 48.996

60, 11.622, 49.449

63, 5.916, 49.958

67, 0.614, 49.924

70, 4.323, 231.379

74, 8.938, 231.994

Harmonies

Complementary

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



44, 46.874, 48.241



51, 28.540, 242.399

Rectangle

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



44, 46.874, 48.241



44, 46.874, 98.241



44, 46.874, 228.241



44, 46.874, 278.241

Sweetspot

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



44, 46.872, 48.244



76, 14.252, 49.441



40, 59.255, 339.427



39, 9.821, 49.315



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 46.872, 48.244



52, 71.423, 48.070



58, 49.964, 90.731



33, 2.968, 50.055



33, 61.913, 47.681



2, 4.508, 47.304

Inverse Universe

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



51, 28.540, 242.399



61, 38.875, 248.191



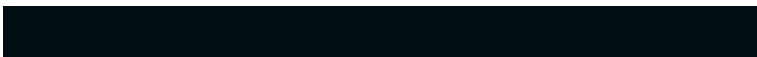
34, 56.612, 293.264



33, 2.825, 231.454



41, 31.608, 253.774



3, 4.482, 237.743

Previews

White Background



This preview shows how the CIELCh color 44, 46.874, 48.241 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 44, 46.874, 48.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

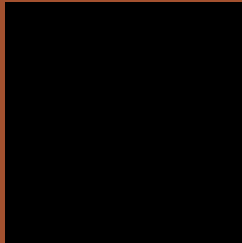
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 46.874, 48.241

Background



This preview shows how black text looks on a background with the CIELCh color 44, 46.874, 48.241.



This preview shows how white text looks on a background with the CIELCh color 44, 46.874, 48.241.

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, 46.874, 48.241

Protanopia

44, 30.065, 96.701

Deuteranopia

44, 36.796, 80.640



Tritanopia
44, 39.532, 21.567

Trichromacy



Original Color
44, 46.874, 48.241

Protanomaly
44, 32.446, 73.259

Deuteranomaly
44, 38.644, 65.939

Tritanomaly
44, 41.147, 32.489

Monochromacy



Original Color
44, 46.874, 48.241

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 15.577, 48.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 46.874, 48.241 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(163, 81, 47)` looks like.

```
.text, #text, p{  
    color:rgb(163, 81, 47)  
}
```

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(163, 81, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 81, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 46.874, 48.241 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(163, 81, 47) }
```

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

```
.border{ border-color:rgb(163, 81, 47) }
```

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

Here you see how a box with a 4 pixel rgb(163, 81, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 81, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 81, 47);  
box-shadow:4px 4px 4px 4px rgb(163, 81,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 46.874, 48.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 81, 47) }
```

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

```
.background{ background-color: rgb(163, 81,  
47) }
```

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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