

Converting Colors

CIELCh(43, 44.015, 42.167)

Have a look what the booklet for
CIELCh(43, 44.015, 42.167) contains.

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Color

CIELCh(43, 44.374, 42.036)

Conversions

Conversions Part 1

Format	Color
Hex	A14D36
RGB	161, 77, 54
RGB Percent	63%, 30%, 21%
CMY	0.3685, 0.6979, 0.7881
CMYK	0.00, 0.52, 0.66, 0.37
HSL	13°, 50%, 42%
HSV	13°, 66%, 63%
XYZ	18.0256, 13.1578, 5.0825
YIQ	99.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

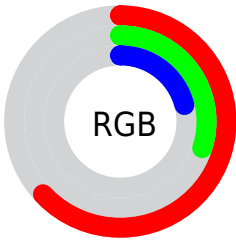
Format	Color
RYB	161, 83, 54
Decimal	10571062
CIELab	43.00, 32.96, 29.71
CIElCh	43, 44.374, 42.036
Yxy	13.1578, 0.4970, 0.3628
Android (android.graphics.Color)	4288761142 (0xFFA14D36)
YUV	99.4940, -22.4285, 53.9408
Hunter-Lab	36.2736, 25.2239, 17.0842

Details

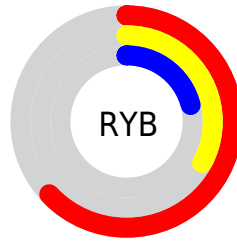
The CIELCh color **43, 44.374, 42.036** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **54, 26.485, 227.931**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 44.465, 42.376**, and **23, 44.407, 41.974** is the 20% darker color. If you saturate the color by 10%, you get **40, 52.550, 42.817**, and if you desaturate by 10%, it is **46, 36.391, 41.419**.

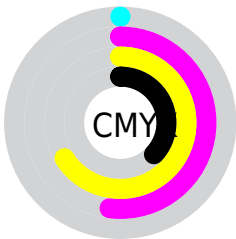
Distribution



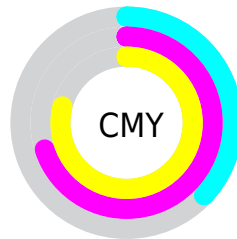
- Red (63%)
- Green (30%)
- Blue (21%)



- Red (63%)
- Yellow (33%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (66%)
- Black (37%)



- Cyan (37%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.374, 42.036 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, 44.374, 42.036 by changing the saturation by 10% instead.

■ 43, 44.374, 42.036

■ 43, 44.374, 42.036

■ 100, 44.374,
42.036

■ 33, 44.374, 42.036

■ 63, 44.374, 42.036

■ 23, 44.374, 42.036

■ 73, 44.374, 42.036

■ 13, 44.374, 42.036

■ 83, 44.374, 42.036

■ 3, 44.374, 42.036

■ 93, 44.374, 42.036

■ 0, 44.374, 42.036

■ 43, 44.374, 42.036

■ 43, 44.374, 42.036

■ 40, 52.550, 42.817

■ 46, 36.391, 41.419

■ 38, 60.460, 43.556

■ 49, 28.811, 41.005

36, 67.246, 43.881

53, 21.715, 40.788

36, 69.639, 44.238

56, 15.127, 40.736

60, 9.034, 40.811

64, 3.403, 40.927

68, 1.805, 221.596

71, 6.634, 221.749

75, 11.126,
222.100

Harmonies

Complementary

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



43, 44.374, 42.036



54, 26.485, 227.931

Rectangle

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



43, 44.374, 42.036



43, 44.374, 92.036



43, 44.374, 222.036



43, 44.374, 272.036

Sweetspot

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



43, 44.372, 42.039



75, 13.803, 40.770



41, 59.188, 335.007



38, 9.499, 40.750



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 44.372, 42.039



51, 68.755, 43.217



56, 44.244, 85.003



33, 3.051, 40.903



32, 64.175, 44.261



2, 4.644, 38.866

Inverse Universe

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



54, 26.485, 227.931



66, 35.640, 231.815



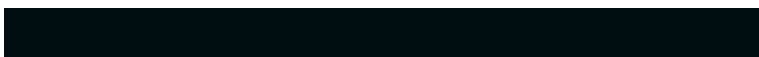
38, 46.171, 286.975



33, 2.886, 221.651



44, 29.081, 237.952



3, 4.510, 227.258

Previews

White Background



This preview shows how the CIELCh color 43, 44.374, 42.036 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, 44.374, 42.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

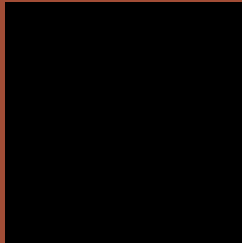
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.374, 42.036

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.374, 42.036.



This preview shows how white text looks on a background with the CIELCh color 43, 44.374, 42.036.

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, 44.374, 42.036

Protanopia

43, 23.556, 95.233

Deuteranopia

43, 31.489, 79.195



Tritanopia
43, 39.737, 21.778

Trichromacy



Original Color
43, 44.374, 42.036

Protanomaly
43, 27.154, 66.078

Deuteranomaly
43, 34.430, 62.205

Tritanomaly
43, 40.945, 29.653

Monochromacy



Original Color
43, 44.374, 42.036

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.729, 42.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.374, 42.036 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(161, 77, 54)` looks like.

```
.text, #text, p{  
    color:rgb(161, 77, 54)  
}
```

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(161, 77, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 77, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.374, 42.036 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(161, 77, 54) }
```

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

```
.border{ border-color:rgb(161, 77, 54) }
```

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

Here you see how a box with a 4 pixel rgb(161, 77, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 77, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 77, 54);  
box-shadow:4px 4px 4px 4px rgb(161, 77,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.374, 42.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 77, 54) }
```

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

```
.background{ background-color: rgb(161, 77,  
54) }
```

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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