

Converting Colors

CIELCh(43, 41.931, 78.871)

Have a look what the booklet for
CIELCh(43, 41.931, 78.871) contains.

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Color

CIELCh(43, 41.732, 78.790)

Conversions

Conversions Part 1

Format	Color
Hex	835F1E
RGB	131, 95, 30
RGB Percent	51%, 37%, 12%
CMY	0.4854, 0.6267, 0.8816
CMYK	0.00, 0.27, 0.77, 0.49
HSL	39°, 63%, 32%
HSV	39°, 77%, 51%
XYZ	13.7415, 13.1578, 3.0572
YIQ	98.3540, 42.3210, -12.5830

Conversions

Conversions Part 2

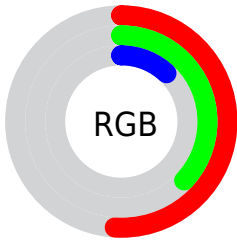
Format	Color
R_{YB}	86, 131, 30
Decimal	8609566
CIE _{Lab}	43.00, 8.11, 40.94
CIE _{LCh}	43, 41.732, 78.790
Yxy	13.1578, 0.4587, 0.4392
Android (android.graphics.Color)	4286799646 (0xFF835F1E)
YUV	98.3540, -33.6985, 28.6305
Hunter-Lab	36.2736, 4.1423, 20.3944

Details

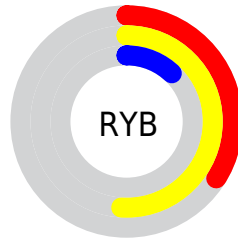
The CIELCh color **43, 41.732, 78.790** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29, 41.958, 286.053**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 41.461, 78.632**, and **23, 33.634, 74.493** is the 20% darker color. If you saturate the color by 10%, you get **42, 46.051, 77.007**, and if you desaturate by 10%, it is **44, 36.624, 80.364**.

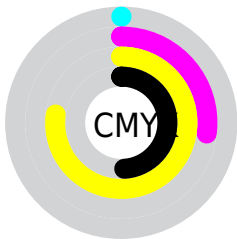
Distribution



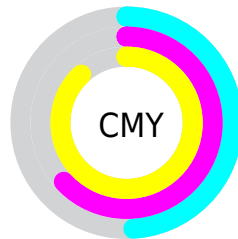
- Red (51%)
- Green (37%)
- Blue (12%)



- Red (34%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (27%)
- Yellow (77%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 41.732, 78.790 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, 41.732, 78.790 by changing the saturation by 10% instead.

■ 43, 41.732, 78.790

■ 43, 41.732, 78.790

■ 100, 41.732,
78.790

■ 33, 41.732, 78.790

■ 63, 41.732, 78.790

■ 23, 41.732, 78.790

■ 73, 41.732, 78.790

■ 13, 41.732, 78.790

■ 83, 41.732, 78.790

■ 3, 41.732, 78.790

■ 93, 41.732, 78.790

■ 0, 41.732, 78.790

■ 43, 41.732, 78.790

■ 43, 41.732, 78.790

■ 42, 46.051, 77.007

■ 44, 36.624, 80.364

■ 40, 49.319, 74.948

■ 46, 31.137, 81.820

40, 50.384, 74.390

47, 25.518, 83.210

49, 19.903, 84.556

50, 14.365, 85.862

52, 8.936, 87.128

54, 3.628, 88.332

55, 1.558, 269.698

57, 6.627, 270.751

Harmonies

Complementary

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



43, 41.732, 78.790



29, 41.958, 286.053

Rectangle

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



43, 41.732, 78.790



43, 41.732, 128.790



43, 41.732, 258.790



43, 41.732, 308.790

Sweetspot

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



43, 41.732, 78.793



65, 15.131, 86.305



30, 45.126, 3.986



34, 10.593, 85.902



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 41.732, 78.793



53, 58.644, 75.512



52, 52.562, 110.531



27, 2.964, 88.082



40, 50.058, 74.419



0, 0.705, 89.217

Inverse Universe

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



29, 41.958, 286.053



33, 63.309, 292.181



20, 65.826, 304.580



26, 2.957, 270.414



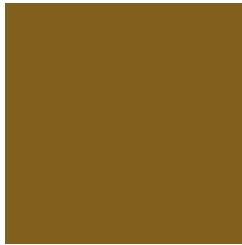
22, 55.390, 294.090



0, 0.705, 269.225

Previews

White Background



This preview shows how the CIELCh color 43, 41.732, 78.790 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 43, 41.732, 78.790 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, 41.732, 78.790

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.732, 78.790.



This preview shows how white text looks on a background with the CIELCh color 43, 41.732, 78.790.

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, 41.732, 78.790

Protanopia

43, 39.754, 95.757

Deuteranopia

43, 41.375, 82.343



Tritanopia
43, 20.351, 10.659

Trichromacy



Original Color
43, 41.732, 78.790

Protanomaly
43, 40.233, 90.019

Deuteranomaly
43, 41.416, 80.863

Tritanomaly
43, 23.632, 49.855

Monochromacy



Original Color
43, 41.732, 78.790

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 15.633, 85.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.732, 78.790 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(131, 95, 30)` looks like.

```
.text, #text, p{  
    color:rgb(131, 95, 30)  
}
```

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(131, 95, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 95, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.732, 78.790 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(131, 95, 30) }
```

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

```
.border{ border-color:rgb(131, 95, 30) }
```

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

Here you see how a box with a 4 pixel rgb(131, 95, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 95, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 95, 30);  
box-shadow:4px 4px 4px 4px rgb(131, 95,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.732, 78.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 95, 30) }
```

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

```
.background{ background-color: rgb(131, 95,  
30) }
```

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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