

Converting Colors

CIELCh(44, 39.583, 81.854)

Have a look what the booklet for
CIELCh(44, 39.583, 81.854) contains.

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Color

CIELCh(44, 39.583, 81.854)

Conversions

Conversions Part 1

Format	Color
Hex	826324
RGB	130, 99, 36
RGB Percent	51%, 39%, 14%
CMY	0.4896, 0.6112, 0.8583
CMYK	0.00, 0.24, 0.72, 0.49
HSL	40°, 57%, 33%
HSV	40°, 72%, 51%
XYZ	14.0272, 13.8382, 3.6123
YIQ	101.0870, 38.6990, -13.0210

Conversions

Conversions Part 2

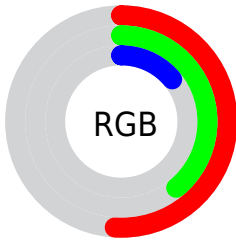
Format	Color
R_{YB}	82, 130, 36
Decimal	8545060
CIE _{Lab}	44.00, 5.61, 39.18
CIE _{LCh}	44, 39.583, 81.854
Yxy	13.8382, 0.4456, 0.4396
Android (android.graphics.Color)	4286735140 (0xFF826324)
YUV	101.0870, -32.0879, 25.3567
Hunter-Lab	37.1997, 2.2090, 20.2824

Details

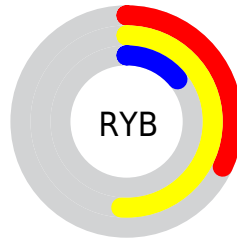
The CIELCh color **44, 39.583, 81.854** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29, 40.554, 286.361**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 39.919, 82.210**, and **24, 33.907, 80.016** is the 20% darker color. If you saturate the color by 10%, you get **43, 44.215, 80.232**, and if you desaturate by 10%, it is **45, 34.329, 83.339**.

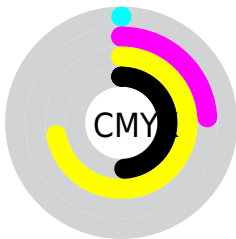
Distribution



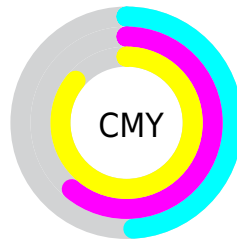
- Red (51%)
- Green (39%)
- Blue (14%)



- Red (32%)
- Yellow (51%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 39.583, 81.854 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, 39.583, 81.854 by changing the saturation by 10% instead.

■ 44, 39.583, 81.854

■ 44, 39.583, 81.854

■ 100, 39.583,
81.854

■ 34, 39.583, 81.854

■ 64, 39.583, 81.854

■ 24, 39.583, 81.854

■ 74, 39.583, 81.854

■ 14, 39.583, 81.854

■ 84, 39.583, 81.854

■ 4, 39.583, 81.854

■ 94, 39.583, 81.854

■ 0, 39.583, 81.854

■ 44, 39.583, 81.854

■ 44, 39.583, 81.854

■ 43, 44.215, 80.232

■ 45, 34.329, 83.339

■ 42, 47.745, 78.345

■ 47, 28.786, 84.742

41, 50.163, 76.864

48, 23.149, 86.095

50, 17.527, 87.408

51, 11.976, 88.683

53, 6.521, 89.912

54, 1.172, 90.990

56, 4.070, 272.338

57, 9.208, 273.423

Harmonies

Complementary

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



44, 39.583, 81.854



29, 40.554, 286.361

Rectangle

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



44, 39.583, 81.854



44, 39.583, 131.854



44, 39.583, 261.854



44, 39.583, 311.854

Sweetspot

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



44, 39.583, 81.857



65, 14.625, 88.649



30, 42.629, 5.149



33, 9.802, 88.373



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 39.583, 81.857



54, 56.400, 79.001



52, 50.128, 112.279



27, 3.042, 90.278



41, 50.132, 76.866



0, 0.724, 91.396

Inverse Universe

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



29, 40.554, 286.361



33, 61.433, 292.030



22, 61.238, 304.532



26, 3.044, 272.576



21, 57.855, 295.691



0, 0.725, 271.403

Previews

White Background



This preview shows how the CIELCh color 44, 39.583, 81.854 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, 39.583, 81.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

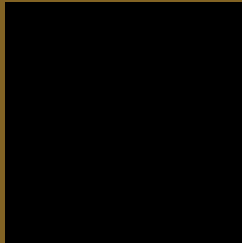
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.583, 81.854

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.583, 81.854.



This preview shows how white text looks on a background with the CIELCh color 44, 39.583, 81.854.

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, 39.583, 81.854

Protanopia

44, 37.992, 95.032

Deuteranopia

44, 39.583, 81.854



Tritanopia
44, 18.489, 9.125

Trichromacy



Original Color
44, 39.583, 81.854

Protanomaly
44, 38.404, 89.807

Deuteranomaly
44, 39.583, 81.854

Tritanomaly
44, 20.959, 51.565

Monochromacy



Original Color
44, 39.583, 81.854

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 14.838, 86.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.583, 81.854 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(130, 99, 36)` looks like.

```
.text, #text, p{  
    color:rgb(130, 99, 36)  
}
```

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(130, 99, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 99, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.583, 81.854 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(130, 99, 36) }
```

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

```
.border{ border-color:rgb(130, 99, 36) }
```

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

Here you see how a box with a 4 pixel rgb(130, 99, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 99, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 99, 36);  
box-shadow:4px 4px 4px 4px rgb(130, 99,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.583, 81.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 99, 36) }
```

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

```
.background{ background-color: rgb(130, 99,  
36) }
```

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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