

Converting Colors

CIELCh(44, 39.579, 83.398)

Have a look what the booklet for
CIELCh(44, 39.579, 83.398) contains.

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Color

CIELCh(44, 39.579, 83.398)

Conversions

Conversions Part 1

Format	Color
Hex	816424
RGB	129, 100, 36
RGB Percent	51%, 39%, 14%
CMY	0.4952, 0.6088, 0.8598
CMYK	0.00, 0.23, 0.72, 0.50
HSL	41°, 57%, 32%
HSV	41°, 72%, 50%
XYZ	13.8594, 13.8382, 3.5900
YIQ	101.3750, 37.8280, -13.7560

Conversions

Conversions Part 2

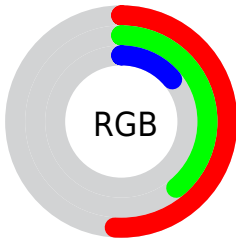
Format	Color
R_{YB}	78, 129, 36
Decimal	8479780
CIE Lab	44.00, 4.55, 39.32
CIE LCh	44, 39.579, 83.398
Yxy	13.8382, 0.4430, 0.4423
Android (android.graphics.Color)	4286669860 (0xFF816424)
YUV	101.3750, -32.2299, 24.2271
Hunter-Lab	37.1997, 1.4035, 20.3180

Details

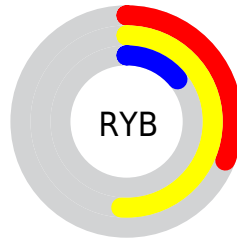
The CIELCh color **44, 39.579, 83.398** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29, 41.303, 287.572**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 39.964, 83.628**, and **24, 34.089, 81.171** is the 20% darker color. If you saturate the color by 10%, you get **43, 44.119, 81.816**, and if you desaturate by 10%, it is **45, 34.391, 84.857**.

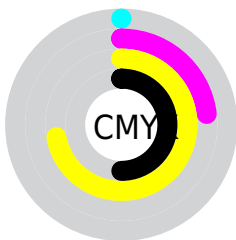
Distribution



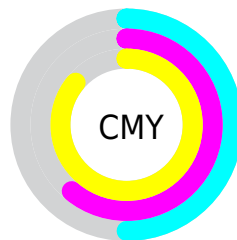
- Red (51%)
- Green (39%)
- Blue (14%)



- Red (31%)
- Yellow (51%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 39.579, 83.398 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, 39.579, 83.398 by changing the saturation by 10% instead.

■ 44, 39.579, 83.398

■ 44, 39.579, 83.398

■ 100, 39.579,
83.398

■ 34, 39.579, 83.398

■ 64, 39.579, 83.398

■ 24, 39.579, 83.398

■ 74, 39.579, 83.398

■ 14, 39.579, 83.398

■ 84, 39.579, 83.398

■ 4, 39.579, 83.398

■ 94, 39.579, 83.398

■ 0, 39.579, 83.398

■ 44, 39.579, 83.398

■ 44, 39.579, 83.398

■ 43, 44.119, 81.816

■ 45, 34.391, 84.857

■ 42, 47.540, 79.995

■ 47, 28.887, 86.241

41, 49.876, 78.566

48, 23.265, 87.577

49, 17.638, 88.876

51, 12.065, 90.138

52, 6.575, 91.355

54, 1.180, 92.428

55, 4.118, 273.750

57, 9.320, 274.825

Harmonies

Complementary

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



44, 39.579, 83.398



29, 41.303, 287.572

Rectangle

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



44, 39.579, 83.398



44, 39.579, 133.398



44, 39.579, 263.398



44, 39.579, 313.398

Sweetspot

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



44, 39.579, 83.401



65, 14.874, 90.101



30, 42.193, 6.444



33, 9.966, 89.827



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, 39.579, 83.401



55, 56.689, 80.606



51, 49.802, 113.080



26, 2.998, 91.723



40, 49.536, 78.593



0, 0.000, 0.000

Inverse Universe

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



29, 41.303, 287.572



32, 63.234, 293.152



22, 60.614, 304.848



25, 3.005, 273.979



20, 58.569, 296.635



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 39.579, 83.398 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, 39.579, 83.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

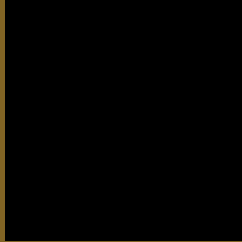
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.579, 83.398

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.579, 83.398.



This preview shows how white text looks on a background with the CIELCh color 44, 39.579, 83.398.

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, 39.579, 83.398

Protanopia

44, 38.462, 95.072

Deuteranopia

44, 39.583, 81.854



Tritanopia
44, 17.637, 8.341

Trichromacy



Original Color
44, 39.579, 83.398

Protanomaly
44, 38.261, 90.516

Deuteranomaly
44, 39.583, 81.854

Tritanomaly
44, 20.144, 52.864

Monochromacy



Original Color
44, 39.579, 83.398

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 15.055, 90.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.579, 83.398 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(129, 100, 36)` looks like.

```
.text, #text, p{  
    color:rgb(129, 100, 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(129, 100, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 100, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.579, 83.398 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(129, 100, 36) }
```

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

```
.border{ border-color:rgb(129, 100, 36) }
```

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

Here you see how a box with a 4 pixel rgb(129, 100, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 100, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 100, 36);  
box-shadow:4px 4px 4px 4px rgb(129, 100,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.579, 83.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 100, 36) }
```

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

```
.background{ background-color: rgb(129,  
100, 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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