

Converting Colors

CIELCh(44, 39.527, 1.590)

Have a look what the booklet for
CIELCh(44, 39.527, 1.590) contains.

CIELCh(44, 39.496, 1.146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 39.496, 1.146)

Conversions

Conversions Part 1

Format	Color
Hex	A34B68
RGB	163, 75, 104
RGB Percent	64%, 29%, 41%
CMY	0.3605, 0.7056, 0.5919
CMYK	0.00, 0.54, 0.36, 0.36
HSL	340°, 37%, 47%
HSV	340°, 54%, 64%
XYZ	20.1443, 13.8382, 14.7249
YIQ	104.6180, 43.1390, 27.6750

Conversions

Conversions Part 2

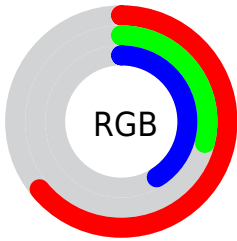
Format	Color
RYB	163, 75, 104
Decimal	10701672
CIELab	44.00, 39.49, 0.79
CIElCh	44, 39.496, 1.146
Yxy	13.8382, 0.4136, 0.2841
Android (android.graphics.Color)	4288891752 (0xFFA34B68)
YUV	104.6180, -0.3047, 51.2010
Hunter-Lab	37.1997, 31.5614, 2.5708

Details

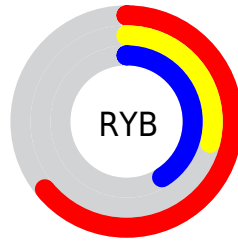
The CIELCh color $44, 39.496, 1.146$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $61, 34.369, 168.080$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 39.222, 1.145$, and $24, 39.498, 1.362$ is the 20% darker color. If you saturate the color by 10%, you get $41, 46.165, 3.502$, and if you desaturate by 10%, it is $48, 32.260, 359.251$.

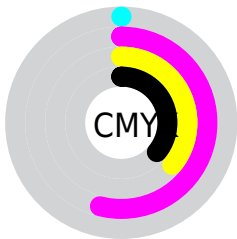
Distribution



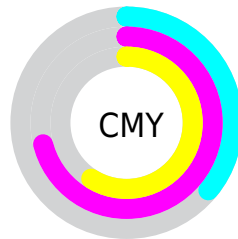
- Red (64%)
- Green (29%)
- Blue (41%)



- Red (64%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (36%)
- Black (36%)








- Cyan (36%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 39.496, 1.146 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, 39.496, 1.146 by changing the saturation by 10% instead.

 44, 39.496, 1.146	 44, 39.496, 1.146
 100, 39.496, 1.146	 34, 39.496, 1.146
 64, 39.496, 1.146	 24, 39.496, 1.146
 74, 39.496, 1.146	 14, 39.496, 1.146
 84, 39.496, 1.146	 4, 39.496, 1.146
 94, 39.496, 1.146	 0, 39.496, 1.146

 44, 39.496, 1.146	 44, 39.496, 1.146
 41, 46.165, 3.502	 48, 32.260, 359.251
 38, 51.935, 6.466	
 36, 56.540, 10.207	 52, 24.773, 357.690

■ 35, 59.936, 14.845

■ 56, 17.267,
356.377

■ 34, 61.804, 17.824

■ 61, 9.898, 355.241

■ 65, 2.758, 354.161

■ 70, 4.105, 173.544

■ 75, 10.676,
172.715

■ 79, 16.959,
172.007

■ 84, 22.966,
171.370

Harmonies

Complementary

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



44, 39.496, 1.146



61, 34.369, 168.080

Rectangle

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



44, 39.496, 1.146



44, 39.496, 51.146



44, 39.496, 181.146



44, 39.496, 231.146

Sweetspot

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



44, 39.493, 1.148



76, 14.081, 355.493



42, 55.383, 316.878



39, 9.614, 355.710



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, 39.493, 1.148



52, 57.720, 4.107



46, 35.856, 37.289



32, 3.978, 354.746



30, 56.668, 17.227



1, 5.985, 356.065

Inverse Universe

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



44, 39.493, 1.148



52, 57.720, 4.107



58, 23.716, 218.363



32, 3.978, 354.746



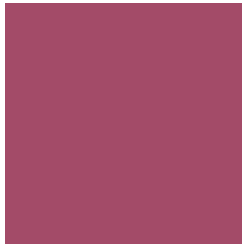
30, 56.668, 17.227



1, 5.985, 356.065

Previews

White Background



This preview shows how the CIELCh color 44, 39.496, 1.146 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, 39.496, 1.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

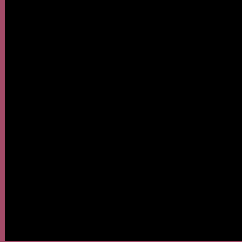
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.496, 1.146

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.496, 1.146.



This preview shows how white text looks on a background with the CIELCh color 44, 39.496, 1.146.

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, 39.496, 1.146

Protanopia

44, 10.219, 285.168

Deuteranopia

44, 6.404, 25.471



Tritanopia
44, 36.771, 20.705

Trichromacy



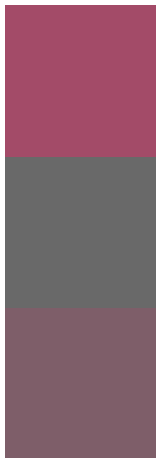
Original Color
44, 39.496, 1.146

Protanomaly
43, 18.191, 335.572

Deuteranomaly
44, 18.273, 5.092

Tritanomaly
44, 37.127, 13.858

Monochromacy



Original Color
44, 39.496, 1.146

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.936, 355.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.496, 1.146 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, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 75, 104)  
}
```

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, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 75, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.496, 1.146 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, 75, 104) }
```

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

```
.border{ border-color:rgb(163, 75, 104) }
```

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

Here you see how a box with a 4 pixel rgb(163, 75, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 75,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.496, 1.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 75, 104) }
```

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

```
.background{ background-color: rgb(163, 75,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor