

Converting Colors

CIELCh(39, 22.383, 359.114)

Have a look what the booklet for
CIELCh(39, 22.383, 359.114)
contains.

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Color

CIELCh(39, 22.426, 359.361)

Conversions

Conversions Part 1

Format	Color
Hex	7E4E5D
RGB	126, 78, 93
RGB Percent	49%, 31%, 36%
CMY	0.5062, 0.6944, 0.6355
CMYK	0.00, 0.38, 0.26, 0.51
HSL	341°, 24%, 40%
HSV	341°, 38%, 49%
XYZ	13.2864, 10.6589, 11.6978
YIQ	94.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

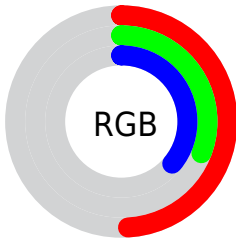
Format	Color
R_{YB}	126, 78, 93
Decimal	8277597
CIE _{Lab}	39.00, 22.42, -0.25
CIE _{LCh}	39, 22.426, 359.361
Yxy	10.6589, 0.3728, 0.2990
Android (android.graphics.Color)	4286467677 (0xFF7E4E5D)
YUV	94.0620, -0.5236, 28.0096
Hunter-Lab	32.6480, 15.5082, 1.6099

Details

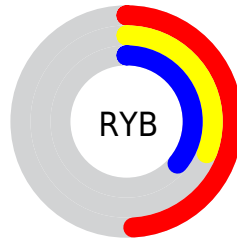
The CIELCh color $39, 22.426, 359.361$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 20.206, 171.379$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 22.350, 359.896$, and $19, 22.288, 359.432$ is the 20% darker color. If you saturate the color by 10%, you get $36, 28.441, 1.010$, and if you desaturate by 10%, it is $42, 16.356, 357.986$.

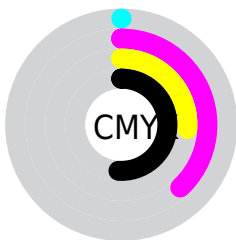
Distribution



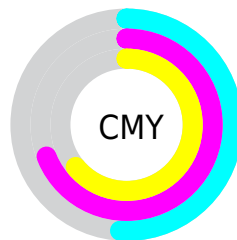
- Red (49%)
- Green (31%)
- Blue (36%)



- Red (49%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.426, 359.361 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 39, 22.426, 359.361 by changing the saturation by 10% instead.


 39, 22.426,
359.361


 39, 22.426,
359.361

 100, 22.426,
359.361


 29, 22.426,
359.361

 59, 22.426,
359.361


 19, 22.426,
359.361


 69, 22.426,
359.361

 9, 22.426, 359.361

 79, 22.426,
359.361

 0, 22.426, 359.361

 89, 22.426,
359.361

 99, 22.426,
359.361

39, 22.426,
359.361

39, 22.426,
359.361

36, 28.441, 1.010

42, 16.356,
357.986

33, 34.209, 3.022

46, 10.374,
356.808

30, 39.483, 5.522

28, 44.014, 8.662

50, 4.561, 355.757

27, 47.631, 12.589

53, 1.037, 175.268

26, 50.611, 17.124

57, 6.401, 174.206

26, 51.218, 17.941

61, 11.530,
173.473

65, 16.433,
172.821

69, 21.123,
172.229

■ 73, 25.618,
171.688

Harmonies

Complementary

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



39, 22.426, 359.361



49, 20.206, 171.379

Rectangle

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



39, 22.426, 359.361



39, 22.426, 49.361



39, 22.426, 179.361



39, 22.426, 229.361

Sweetspot

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



39, 22.424, 359.363



62, 7.693, 356.081



38, 31.853, 316.770



31, 5.153, 356.192



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 22.424, 359.363



47, 33.612, 0.825



41, 18.986, 37.754



25, 3.208, 355.860



26, 51.694, 18.018



0, 0.000, 0.000

Inverse Universe

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



39, 22.424, 359.363



47, 33.612, 0.825



47, 14.587, 219.138



25, 3.208, 355.860



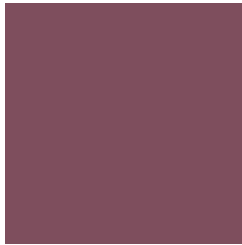
26, 51.694, 18.018



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 22.426, 359.361 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 39, 22.426, 359.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

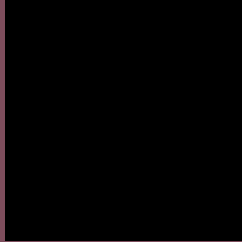
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.426, 359.361

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.426, 359.361.



This preview shows how white text looks on a background with the CIELCh color 39, 22.426, 359.361.

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
39, 22.426, 359.361

Protanopia
39, 5.516, 286.840

Deuteranopia
39, 5.717, 7.878



Tritanopia
39, 20.725, 12.694

Trichromacy



Original Color
39, 22.426, 359.361

Protanomaly
39, 9.817, 337.614

Deuteranomaly
39, 11.982, 0.431

Tritanomaly
39, 20.852, 7.731

Monochromacy



Original Color
39, 22.426, 359.361

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 8.508, 355.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.426, 359.361 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(126, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(126, 78, 93)  
}
```

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(126, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 78, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.426, 359.361 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(126, 78, 93) }
```

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

```
.border{ border-color:rgb(126, 78, 93) }
```

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

Here you see how a box with a 4 pixel rgb(126, 78, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(126, 78,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.426, 359.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 78, 93) }
```

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

```
.background{ background-color: rgb(126, 78,  
93) }
```

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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