

Converting Colors

CIELCh(39, 23.430, 352.183)

Have a look what the booklet for
CIELCh(39, 23.430, 352.183)
contains.

CIELCh(39, 23.083, 351.677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 23.083, 351.677)

Conversions

Conversions Part 1

Format	Color
Hex	7D4E62
RGB	125, 78, 98
RGB Percent	49%, 31%, 38%
CMY	0.5104, 0.6946, 0.6162
CMYK	0.00, 0.38, 0.22, 0.51
HSL	334°, 23%, 40%
HSV	334°, 38%, 49%
XYZ	13.3503, 10.6589, 12.8763
YIQ	94.3330, 21.5920, 16.1840

Conversions

Conversions Part 2

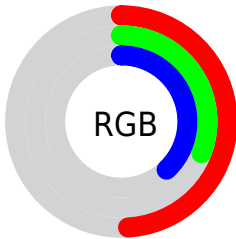
Format	Color
RYB	125, 78, 98
Decimal	8212066
CIELab	39.00, 22.84, -3.34
CIELCh	39, 23.083, 351.677
Yxy	10.6589, 0.3619, 0.2890
Android (android.graphics.Color)	4286402146 (0xFF7D4E62)
YUV	94.3330, 1.8078, 26.8950
Hunter-Lab	32.6480, 15.8575, -0.5303

Details

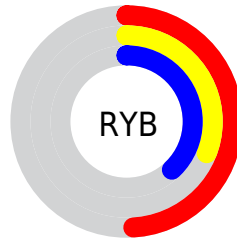
The CIELCh color **39, 23.083, 351.677** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 21.667, 164.264**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 23.194, 351.536**, and **19, 23.316, 351.464** is the 20% darker color. If you saturate the color by 10%, you get **36, 29.158, 353.089**, and if you desaturate by 10%, it is **42, 16.860, 350.471**.

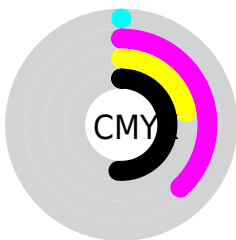
Distribution



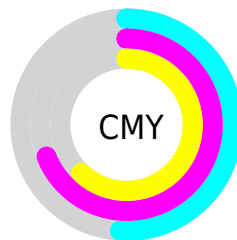
- Red (49%)
- Green (31%)
- Blue (38%)



- Red (49%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (22%)
- Black (51%)




- Cyan (51%)
- Magenta (69%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 23.083, 351.677 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, 23.083, 351.677 by changing the saturation by 10% instead.


 39, 23.083,
351.677


 39, 23.083,
351.677

 100, 23.083,
351.677

 29, 23.083,
351.677

 59, 23.083,
351.677


 19, 23.083,
351.677

 69, 23.083,
351.677

 9, 23.083, 351.677

 79, 23.083,
351.677

 0, 23.083, 351.677

 89, 23.083,
351.677

 99, 23.083,
351.677

39, 23.083,
351.677

39, 23.083,
351.677

36, 29.158,
353.089

42, 16.860,
350.471

33, 34.871,
354.774

46, 10.648,
349.412

30, 39.949,
356.833

50, 4.548, 348.445

28, 44.106,
359.396

53, 1.383, 167.902

57, 7.114, 166.970

27, 47.125, 2.619

61, 12.636,
166.263

26, 49.222, 6.462

65, 17.949,
165.624

26, 49.749, 7.356

68, 23.062,
165.037

■ 72, 27.988,
164.495

Harmonies

Complementary

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



39, 23.083, 351.677



49, 21.667, 164.264

Rectangle

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



39, 23.083, 351.677



39, 23.083, 41.677



39, 23.083, 171.677



39, 23.083, 221.677

Sweetspot

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



39, 23.081, 351.679



62, 8.202, 348.792



38, 30.625, 313.017



31, 5.491, 348.895



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, 23.081, 351.679



48, 34.322, 352.856



39, 20.281, 27.632



24, 3.309, 348.581



26, 49.776, 7.360



54, 83.981, 10.262

Inverse Universe

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



39, 23.081, 351.679



48, 34.322, 352.856



48, 15.619, 204.640



24, 3.309, 348.581



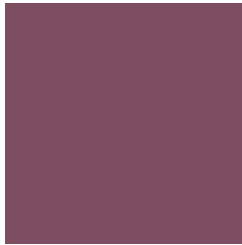
26, 49.776, 7.360



54, 83.981, 10.262

Previews

White Background



This preview shows how the CIELCh color 39, 23.083, 351.677 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, 23.083, 351.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

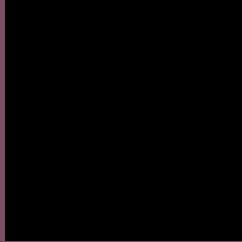
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 23.083, 351.677

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.083, 351.677.



This preview shows how white text looks on a background with the CIELCh color 39, 23.083, 351.677.

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, 23.083, 351.677

Protanopia

39, 8.585, 286.235

Deuteranopia

39, 6.323, 337.695



Tritanopia
39, 19.795, 12.035

Trichromacy



Original Color
39, 23.083, 351.677

Protanomaly
39, 11.834, 325.226

Deuteranomaly
39, 12.500, 345.473

Tritanomaly
39, 20.614, 4.004

Monochromacy



Original Color
39, 23.083, 351.677

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 8.393, 350.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.083, 351.677 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(125, 78, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 78, 98)  
}
```

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(125, 78, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 78, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.083, 351.677 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(125, 78, 98) }
```

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

```
.border{ border-color:rgb(125, 78, 98) }
```

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

Here you see how a box with a 4 pixel rgb(125, 78, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 78, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 78, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 78,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.083, 351.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 78, 98) }
```

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

```
.background{ background-color: rgb(125, 78,  
98) }
```

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