

Converting Colors

CIELCh(39, 24.409, 9.205)

Have a look what the booklet for
CIELCh(39, 24.409, 9.205) contains.

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Color

CIELCh(39, 24.476, 9.324)

Conversions

Conversions Part 1

Format	Color
Hex	824C56
RGB	130, 76, 86
RGB Percent	51%, 30%, 34%
CMY	0.4889, 0.7008, 0.6616
CMYK	0.00, 0.41, 0.34, 0.49
HSL	349°, 26%, 41%
HSV	349°, 41%, 51%
XYZ	13.5536, 10.6589, 10.2098
YIQ	93.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

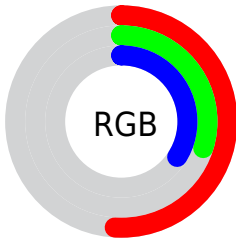
Format	Color
R_{YB}	130, 76, 86
Decimal	8539222
CIE _{Lab}	39.00, 24.15, 3.97
CIE _{LCh}	39, 24.476, 9.324
Yxy	10.6589, 0.3937, 0.3097
Android (android.graphics.Color)	4286729302 (0xFF824C56)
YUV	93.2860, -3.5920, 32.1982
Hunter-Lab	32.6480, 16.9691, 4.3122

Details

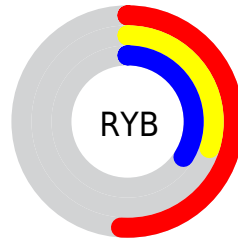
The CIELCh color **39, 24.476, 9.324** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51, 20.470, 180.648**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 24.207, 8.862**, and **19, 24.175, 9.313** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.766, 11.249**, and if you desaturate by 10%, it is **43, 18.226, 7.768**.

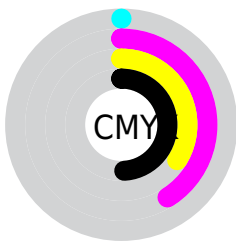
Distribution



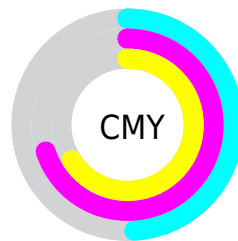
- Red (51%)
- Green (30%)
- Blue (34%)



- Red (51%)
- Yellow (30%)
- Blue (34%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (49%)




- Cyan (49%)
- Magenta (70%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 24.476, 9.324 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, 24.476, 9.324 by changing the saturation by 10% instead.

 39, 24.476, 9.324  39, 24.476, 9.324

 100, 24.476, 9.324  29, 24.476, 9.324

 59, 24.476, 9.324  19, 24.476, 9.324

 69, 24.476, 9.324  9, 24.476, 9.324

 79, 24.476, 9.324  0, 24.476, 9.324

 89, 24.476, 9.324

 99, 24.476, 9.324

 39, 24.476, 9.324  39, 24.476, 9.324

 36, 30.766, 11.249  43, 18.226, 7.768

 33, 36.915, 13.653  46, 12.150, 6.479

30, 42.699, 16.672

50, 6.324, 5.380

28, 47.916, 20.426

54, 0.784, 4.049

27, 52.460, 24.938

58, 4.462, 183.824

26, 56.174, 28.822

62, 9.423, 183.090

66, 14.115,
182.466

70, 18.562,
181.913

74, 22.785,
181.417

Harmonies

Complementary

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



39, 24.476, 9.324



51, 20.470, 180.648

Rectangle

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



39, 24.476, 9.324



39, 24.476, 59.324



39, 24.476, 189.324



39, 24.476, 239.324

Sweetspot

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



39, 24.474, 9.327



63, 8.182, 5.465



39, 36.414, 320.554



32, 5.417, 5.572



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 24.474, 9.327



46, 36.833, 11.178



43, 20.360, 49.363



26, 3.139, 5.141



26, 56.080, 28.810



0, 0.735, 4.400

Inverse Universe

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



39, 24.474, 9.327



46, 36.833, 11.178



46, 15.830, 236.069



26, 3.139, 5.141



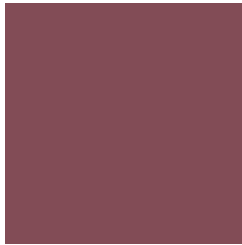
26, 56.080, 28.810



0, 0.735, 4.400

Previews

White Background



This preview shows how the CIE LCh color 39, 24.476, 9.324 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, 24.476, 9.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

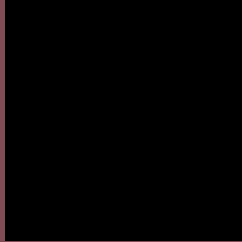
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.476, 9.324

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.476, 9.324.



This preview shows how white text looks on a background with the CIELCh color 39, 24.476, 9.324.

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, 24.476, 9.324

Protanopia

39, 1.891, 303.187

Deuteranopia

39, 7.318, 44.665



Tritanopia
39, 23.937, 14.672

Trichromacy



Original Color
39, 24.476, 9.324

Protanomaly
39, 9.737, 358.809

Deuteranomaly
39, 13.346, 18.755

Tritanomaly
39, 23.928, 13.233

Monochromacy



Original Color
39, 24.476, 9.324

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 8.408, 8.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.476, 9.324 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, 76, 86)` looks like.

```
.text, #text, p{  
    color:rgb(130, 76, 86)  
}
```

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, 76, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 76, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.476, 9.324 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, 76, 86) }
```

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

```
.border{ border-color:rgb(130, 76, 86) }
```

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

Here you see how a box with a 4 pixel rgb(130, 76, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 76, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 76, 86);  
box-shadow:4px 4px 4px 4px rgb(130, 76,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.476, 9.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 76, 86) }
```

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

```
.background{ background-color: rgb(130, 76,  
86) }
```

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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