

Converting Colors

CIELCh(39, 18.975, 5.301)

Have a look what the booklet for
CIELCh(39, 18.975, 5.301) contains.

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Color

CIELCh(39, 19.210, 4.187)

Conversions

Conversions Part 1

Format	Color
Hex	7A505A
RGB	122, 80, 90
RGB Percent	48%, 31%, 35%
CMY	0.5208, 0.6855, 0.6463
CMYK	0.00, 0.34, 0.26, 0.52
HSL	346°, 21%, 40%
HSV	346°, 34%, 48%
XYZ	12.7911, 10.6589, 11.0984
YIQ	93.6980, 21.8220, 12.0140

Conversions

Conversions Part 2

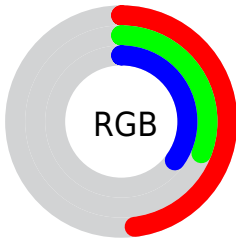
Format	Color
R_{YB}	122, 80, 90
Decimal	8015962
CIE _{Lab}	39.00, 19.16, 1.40
CIE _{LCh}	39, 19.210, 4.187
Yxy	10.6589, 0.3702, 0.3085
Android (android.graphics.Color)	4286206042 (0xFF7A505A)
YUV	93.6980, -1.8231, 24.8209
Hunter-Lab	32.6480, 12.7998, 2.6986

Details

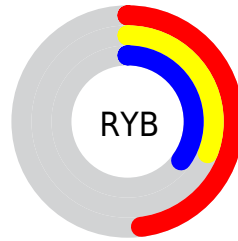
The CIELCh color **39, 19.210, 4.187** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **48, 17.002, 177.208**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 18.919, 4.286**, and **19, 19.550, 2.873** is the 20% darker color. If you saturate the color by 10%, you get **36, 25.118, 5.801**, and if you desaturate by 10%, it is **42, 13.379, 2.850**.

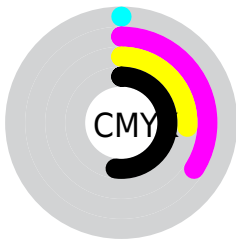
Distribution



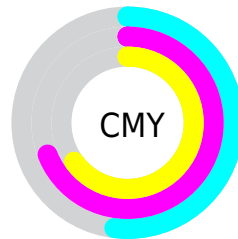
- Red (48%)
- Green (31%)
- Blue (35%)



- Red (48%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 19.210, 4.187 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, 19.210, 4.187 by changing the saturation by 10% instead.

 39, 19.210, 4.187  39, 19.210, 4.187

 100, 19.210, 4.187  29, 19.210, 4.187

 59, 19.210, 4.187  19, 19.210, 4.187

 69, 19.210, 4.187  9, 19.210, 4.187


 79, 19.210, 4.187  0, 19.210, 4.187

 89, 19.210, 4.187

 99, 19.210, 4.187

 39, 19.210, 4.187  39, 19.210, 4.187

 36, 25.118, 5.801  42, 13.379, 2.850

 33, 30.957, 7.776  46, 7.725, 1.706

■ 30, 36.524, 10.235

■ 50, 2.300, 0.634

■ 28, 41.595, 13.318

■ 53, 2.874, 180.065

■ 26, 45.985, 17.158

■ 57, 7.794, 179.245

■ 25, 49.685, 21.754

■ 61, 12.471,
178.566

■ 24, 51.826, 24.239

■ 65, 16.920,
177.962

■ 69, 21.159,
177.416

■ 72, 25.208,
176.919

Harmonies

Complementary

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



39, 19.210, 4.187



48, 17.002, 177.208

Rectangle

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



39, 19.210, 4.187



39, 19.210, 54.187



39, 19.210, 184.187



39, 19.210, 234.187

Sweetspot

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



39, 19.208, 4.190



61, 6.571, 1.271



39, 28.378, 318.713



31, 4.470, 1.388



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 19.208, 4.190



47, 28.577, 5.385



41, 15.868, 44.336



24, 2.994, 1.149



25, 52.709, 24.382



53, 90.857, 27.653

Inverse Universe

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



39, 19.208, 4.190



47, 28.577, 5.385



45, 12.750, 227.947



24, 2.994, 1.149



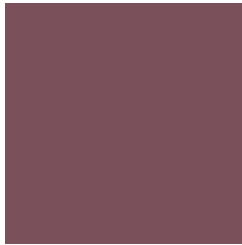
25, 52.709, 24.382



53, 90.857, 27.653

Previews

White Background



This preview shows how the CIE LCh color 39, 19.210, 4.187 looks on a white background.

Color Contrast Check

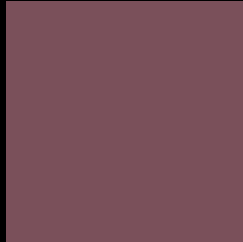
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.210, 4.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

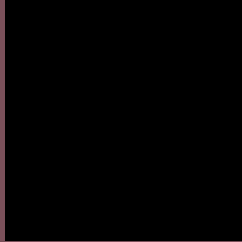
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 19.210, 4.187

Background



This preview shows how black text looks on a background with the CIELCh color 39, 19.210, 4.187.



This preview shows how white text looks on a background with the CIELCh color 39, 19.210, 4.187.

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, 19.210, 4.187

Protanopia

39, 3.062, 290.665

Deuteranopia

39, 5.626, 20.130



Tritanopia
39, 18.430, 10.987

Trichromacy



Original Color
39, 19.210, 4.187

Protanomaly
39, 7.670, 346.657

Deuteranomaly
39, 10.185, 10.588

Tritanomaly
39, 18.480, 9.126

Monochromacy



Original Color
39, 19.210, 4.187

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 6.863, 359.599

CSS Examples

Text

The CSS property to change the color of the text to CIE LCh 39, 19.210, 4.187 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(122, 80, 90)` looks like.

```
.text, #text, p{  
    color:rgb(122, 80, 90)  
}
```

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(122, 80, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 80, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 19.210, 4.187 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(122, 80, 90) }
```

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

```
.border{ border-color:rgb(122, 80, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 80, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 80, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 80, 90);  
box-shadow:4px 4px 4px 4px rgb(122, 80,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 19.210, 4.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 80, 90) }
```

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

```
.background{ background-color: rgb(122, 80,  
90) }
```

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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