

Converting Colors

CIELCh(39, 9.430, 59.609)

Have a look what the booklet for
CIELCh(39, 9.430, 59.609) contains.

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Color

CIELCh(39, 9.496, 59.771)

Conversions

Conversions Part 1

Format	Color
Hex	69594F
RGB	105, 89, 79
RGB Percent	41%, 35%, 31%
CMY	0.5891, 0.6518, 0.6910
CMYK	0.00, 0.15, 0.25, 0.59
HSL	23°, 14%, 36%
HSV	23°, 25%, 41%
XYZ	10.7564, 10.6589, 8.8464
YIQ	92.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

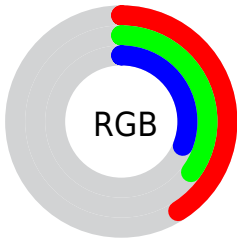
Format	Color
RYB	105, 95, 79
Decimal	6904143
CIELab	39.00, 4.78, 8.20
CIELCh	39, 9.496, 59.771
Yxy	10.6589, 0.3554, 0.3522
Android (android.graphics.Color)	4285094223 (0xFF69594F)
YUV	92.6440, -6.7265, 10.8362
Hunter-Lab	32.6480, 1.6753, 6.7882

Details

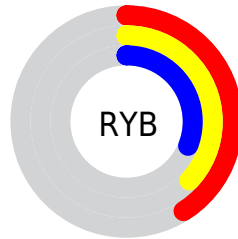
The CIELCh color $39, 9.496, 59.771$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 8.523, 244.953$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 9.675, 59.632$, and $19, 9.225, 61.586$ is the 20% darker color. If you saturate the color by 10%, you get $37, 13.752, 58.937$, and if you desaturate by 10%, it is $41, 5.494, 60.645$.

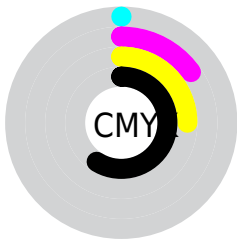
Distribution



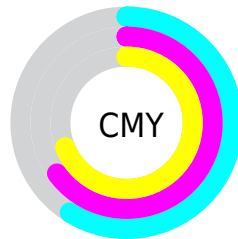
- Red (41%)
- Green (35%)
- Blue (31%)



- Red (41%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 9.496, 59.771 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, 9.496, 59.771 by changing the saturation by 10% instead.

■ 39, 9.496, 59.771 ■ 39, 9.496, 59.771

■ 100, 9.496, 59.771 ■ 29, 9.496, 59.771

■ 59, 9.496, 59.771 ■ 19, 9.496, 59.771

■ 69, 9.496, 59.771 ■ 9, 9.496, 59.771

■ 79, 9.496, 59.771 ■ 0, 9.496, 59.771

■ 89, 9.496, 59.771

■ 99, 9.496, 59.771

■ 39, 9.496, 59.771 ■ 39, 9.496, 59.771

■ 37, 13.752, 58.937 ■ 41, 5.494, 60.645

■ 35, 18.276, 58.132 ■ 43, 1.728, 61.438

■ 33, 23.063, 57.373

■ 45, 1.824, 242.674

■ 31, 28.080, 56.650

■ 48, 5.185, 243.488

■ 29, 33.236, 55.921

■ 50, 8.376, 244.373

■ 28, 38.321, 55.075

■ 52, 11.416,
245.255

■ 26, 42.876, 53.852

■ 54, 14.324,
246.121

■ 25, 45.101, 53.274

■ 57, 17.114,
246.964

■ 59, 19.801,
247.782

Harmonies

Complementary

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



39, 9.496, 59.771



39, 8.523, 244.953

Rectangle

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



39, 9.496, 59.771



39, 9.496, 109.771



39, 9.496, 239.771



39, 9.496, 289.771

Sweetspot

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



39, 9.496, 59.781



55, 3.128, 61.276



37, 14.739, 339.678



28, 2.050, 61.250



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 9.496, 59.781



48, 14.427, 59.269



43, 13.768, 102.478



21, 2.086, 61.135



29, 49.740, 53.338



59, 88.026, 51.471

Inverse Universe

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



39, 8.523, 244.953



49, 12.567, 245.874



35, 14.330, 287.918



21, 2.015, 243.020



29, 31.260, 267.948



60, 56.158, 271.156

Previews

White Background



This preview shows how the CIELCh color 39, 9.496, 59.771 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, 9.496, 59.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

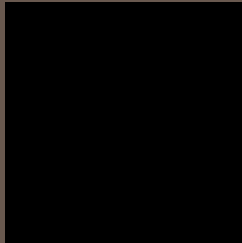
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 9.496, 59.771

Background



This preview shows how black text looks on a background with the CIELCh color 39, 9.496, 59.771.



This preview shows how white text looks on a background with the CIELCh color 39, 9.496, 59.771.

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, 9.496, 59.771

Protanopia

39, 7.515, 95.374

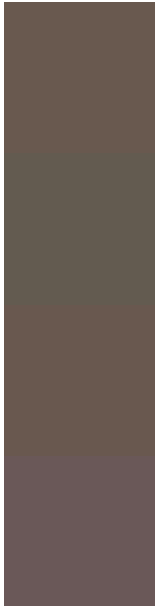
Deuteranopia

39, 9.484, 55.368



Tritanopia
39, 8.918, 356.524

Trichromacy



Original Color

39, 9.496, 59.771

Protanomaly

39, 7.598, 81.139

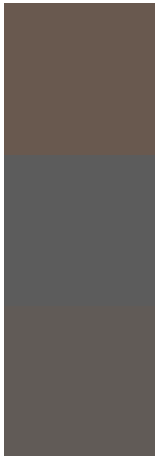
Deuteranomaly

39, 9.484, 55.368

Tritanomaly

39, 7.861, 20.468

Monochromacy



Original Color

39, 9.496, 59.771

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 3.554, 62.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 9.496, 59.771 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(105, 89, 79)` looks like.

```
.text, #text, p{  
    color:rgb(105, 89, 79)  
}
```

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(105, 89, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 89, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 9.496, 59.771 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(105, 89, 79) }
```

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

```
.border{ border-color:rgb(105, 89, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 89, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 89, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 89, 79);  
box-shadow:4px 4px 4px 4px rgb(105, 89,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 9.496, 59.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 89, 79) }
```

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

```
.background{ background-color: rgb(105, 89,  
79) }
```

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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