

Converting Colors

CIE LCh(39, 9.109, 57.012)

Have a look what the booklet for
CIELCh(39, 9.109, 57.012) contains.

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Color

CIELCh(39, 9.088, 57.027)

Conversions

Conversions Part 1

Format	Color
Hex	695950
RGB	105, 89, 80
RGB Percent	41%, 35%, 31%
CMY	0.5894, 0.6521, 0.6874
CMYK	0.00, 0.15, 0.24, 0.59
HSL	22°, 14%, 36%
HSV	22°, 24%, 41%
XYZ	10.7784, 10.6589, 9.0255
YIQ	92.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

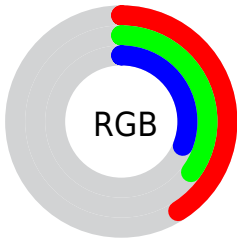
Format	Color
R_{YB}	105, 94, 80
Decimal	6904144
CIE Lab	39.00, 4.95, 7.62
CIE LCh	39, 9.088, 57.027
Yxy	10.6589, 0.3538, 0.3499
Android (android.graphics.Color)	4285094224 (0xFF695950)
YUV	92.7580, -6.2897, 10.7362
Hunter-Lab	32.6480, 1.7960, 6.4630

Details

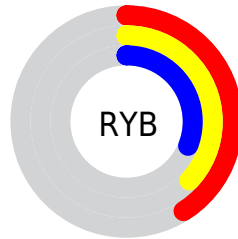
The CIELCh color $[39, 9.088, 57.027]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40, 8.124, 241.607]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 9.304, 57.097]$, and $[19, 8.741, 58.625]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 13.333, 56.293]$, and if you desaturate by 10%, it is $[41, 5.110, 57.810]$.

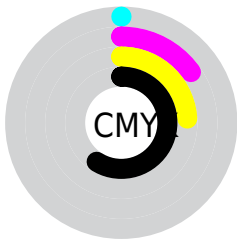
Distribution



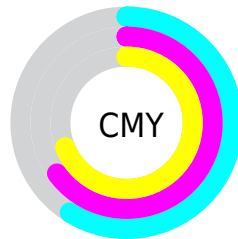
- Red (41%)
- Green (35%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 9.088, 57.027 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, 9.088, 57.027 by changing the saturation by 10% instead.

 39, 9.088, 57.027  39, 9.088, 57.027

 100, 9.088, 57.027  29, 9.088, 57.027

 59, 9.088, 57.027  19, 9.088, 57.027

 69, 9.088, 57.027  9, 9.088, 57.027

 79, 9.088, 57.027  0, 9.088, 57.027

 89, 9.088, 57.027

 99, 9.088, 57.027

 39, 9.088, 57.027  39, 9.088, 57.027

 37, 13.333, 56.293  41, 5.110, 57.810

 35, 17.858, 55.599  43, 1.377, 58.481

■ 33, 22.666, 54.966

■ 46, 2.134, 239.676

■ 31, 27.727, 54.389

■ 48, 5.446, 240.442

■ 29, 32.961, 53.834

■ 50, 8.581, 241.268

■ 27, 38.177, 53.199

■ 53, 11.561,
242.096

■ 26, 42.869, 52.149

■ 55, 14.403,
242.912

■ 25, 45.517, 51.523

■ 57, 17.124,
243.709

■ 59, 19.738,
244.485

Harmonies

Complementary

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



39, 9.088, 57.027



40, 8.124, 241.607

Rectangle

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



39, 9.088, 57.027



39, 9.088, 107.027



39, 9.088, 237.027



39, 9.088, 287.027

Sweetspot

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



39, 9.088, 57.037



54, 3.114, 58.303



37, 14.493, 338.051



28, 2.042, 58.280



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, 9.088, 57.037



48, 13.891, 56.590



43, 12.808, 100.766



21, 2.077, 58.177



28, 50.274, 51.666



58, 89.255, 49.989

Inverse Universe

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



40, 8.124, 241.607



49, 12.030, 242.446



36, 13.243, 286.121



21, 2.000, 239.933



30, 29.882, 264.203



62, 53.451, 267.447

Previews

White Background



This preview shows how the CIELCh color 39, 9.088, 57.027 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 CIELCh color 39, 9.088, 57.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

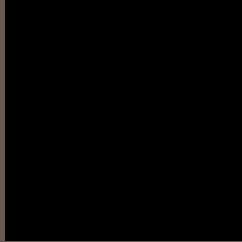
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 9.088, 57.027

Background



This preview shows how black text looks on a background with the CIELCh color 39, 9.088, 57.027.



This preview shows how white text looks on a background with the CIELCh color 39, 9.088, 57.027.

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, 9.088, 57.027

Protanopia

39, 6.923, 94.333

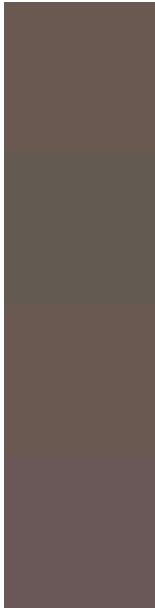
Deuteranopia

39, 9.088, 57.027



Tritanopia
39, 8.918, 356.524

Trichromacy



Original Color

39, 9.088, 57.027

Protanomaly

39, 7.058, 79.001

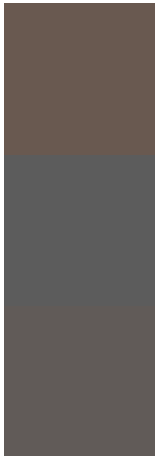
Deuteranomaly

39, 9.088, 57.027

Tritanomaly

39, 7.861, 20.468

Monochromacy



Original Color

39, 9.088, 57.027

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 3.159, 54.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 9.088, 57.027 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, 80)` looks like.

```
.text, #text, p{  
    color:rgb(105, 89, 80)  
}
```

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, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 89, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 9.088, 57.027 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, 80) }
```

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

```
.border{ border-color:rgb(105, 89, 80) }
```

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, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 89, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 89, 80);  
box-shadow:4px 4px 4px 4px rgb(105, 89,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 9.088, 57.027 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, 80) }
```

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

```
.background{ background-color: rgb(105, 89,  
80) }
```

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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