

Converting Colors

CIELCh(39, 30.659, 341.300)

Have a look what the booklet for
CIELCh(39, 30.659, 341.300)
contains.

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Color

CIELCh(39, 30.245, 341.884)

Conversions

Conversions Part 1

Format	Color
Hex	824A6C
RGB	130, 74, 108
RGB Percent	51%, 29%, 42%
CMY	0.4914, 0.7109, 0.5776
CMYK	0.00, 0.43, 0.17, 0.49
HSL	324°, 28%, 40%
HSV	324°, 43%, 51%
XYZ	14.2812, 10.6589, 15.4125
YIQ	94.6200, 22.4620, 22.4460

Conversions

Conversions Part 2

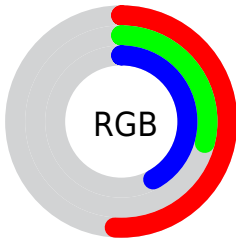
Format	Color
R_{YB}	130, 74, 108
Decimal	8538732
CIE Lab	39.00, 28.75, -9.40
CIE LCh	39, 30.245, 341.884
Yxy	10.6589, 0.3539, 0.2641
Android (android.graphics.Color)	4286728812 (0xFF824A6C)
YUV	94.6200, 6.5963, 31.0283
Hunter-Lab	32.6480, 20.9471, -5.1361

Details

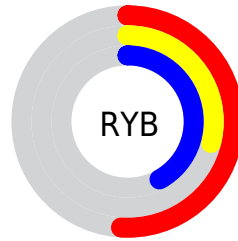
The CIELCh color $39, 30.245, 341.884$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $50, 29.513, 154.401$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 30.093, 342.165$, and $19, 30.372, 341.507$ is the 20% darker color. If you saturate the color by 10%, you get $36, 36.717, 342.974$, and if you desaturate by 10%, it is $42, 23.356, 340.916$.

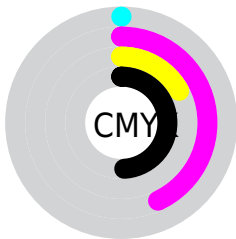
Distribution



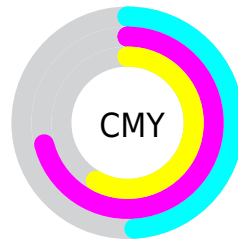
- Red (51%)
- Green (29%)
- Blue (42%)



- Red (51%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (49%)





- Cyan (49%)
- Magenta (71%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 30.245, 341.884 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, 30.245, 341.884 by changing the saturation by 10% instead.


 39, 30.245,
341.884


 39, 30.245,
341.884

 100, 30.245,
341.884


 29, 30.245,
341.884

 59, 30.245,
341.884


 19, 30.245,
341.884


 69, 30.245,
341.884

 9, 30.245, 341.884

 79, 30.245,
341.884

 0, 30.245, 341.884

 89, 30.245,
341.884

 99, 30.245,
341.884

■ 39, 30.245,
341.884

■ 39, 30.245,
341.884

■ 36, 36.717,
342.974

■ 42, 23.356,
340.916

■ 33, 42.486,
344.226

■ 46, 16.286,
340.038

■ 31, 47.218,
345.703

■ 49, 9.193, 339.226

■ 29, 50.605,
347.489

■ 53, 2.187, 338.395

■ 57, 4.668, 157.890


■ 28, 52.471,
349.688

■ 61, 11.335,
157.218

■ 28, 53.386,
351.305

■ 65, 17.799,
156.613

■ 68, 24.056,
156.051

 72, 30.112,
155.525

Harmonies

Complementary

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



39, 30.245, 341.884



50, 29.513, 154.401

Rectangle

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



39, 30.245, 341.884



39, 30.245, 31.884



39, 30.245, 161.884



39, 30.245, 211.884

Sweetspot

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



39, 30.243, 341.885



63, 11.242, 339.238



36, 35.638, 307.447



32, 7.842, 339.388



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, 30.243, 341.885



47, 44.441, 342.978



38, 25.418, 14.818



25, 3.870, 338.906



27, 52.749, 351.252



0, 0.000, 0.000

Inverse Universe

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



39, 30.243, 341.885



47, 44.441, 342.978



50, 20.252, 186.385



25, 3.870, 338.906



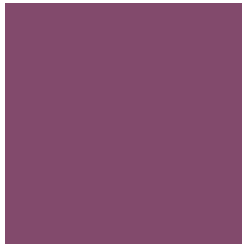
27, 52.749, 351.252



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 30.245, 341.884 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, 30.245, 341.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

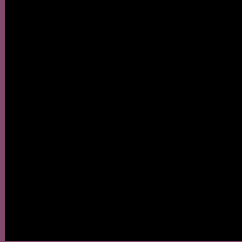
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 30.245, 341.884

Background



This preview shows how black text looks on a background with the CIELCh color 39, 30.245, 341.884.



This preview shows how white text looks on a background with the CIELCh color 39, 30.245, 341.884.

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, 30.245, 341.884

Protanopia

39, 17.822, 285.854

Deuteranopia

39, 9.443, 303.818



Tritanopia
39, 22.104, 13.593

Trichromacy



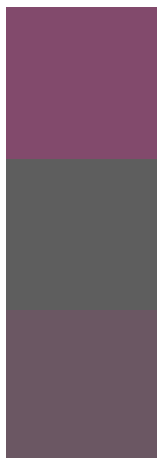
Original Color
39, 30.245, 341.884

Protanomaly
39, 20.092, 310.823

Deuteranomaly
39, 16.661, 327.967

Tritanomaly
39, 24.393, 358.738

Monochromacy



Original Color
39, 30.245, 341.884

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 11.139, 339.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 30.245, 341.884 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, 74, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 74, 108)  
}
```

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, 74, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 74, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 30.245, 341.884 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, 74, 108) }
```

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

```
.border{ border-color:rgb(130, 74, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 74, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(130, 74,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 30.245, 341.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 74, 108) }
```

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

```
.background{ background-color: rgb(130, 74,  
108) }
```

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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