

Converting Colors

CIELCh(39, 35.683, 326.674)

Have a look what the booklet for
CIELCh(39, 35.683, 326.674)
contains.

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Color

CIELCh(39, 35.531, 326.505)

Conversions

Conversions Part 1

Format	Color
Hex	7C4A7C
RGB	124, 74, 124
RGB Percent	49%, 29%, 49%
CMY	0.5134, 0.7094, 0.5134
CMYK	0.00, 0.40, 0.00, 0.51
HSL	300°, 25%, 39%
HSV	300°, 40%, 49%
XYZ	14.4243, 10.6589, 20.3965
YIQ	94.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

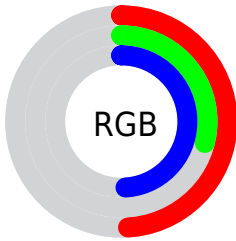
Format	Color
R_{YB}	124, 74, 124
Decimal	8145532
CIE _{Lab}	39.00, 29.63, -19.61
CIE _{LCh}	39, 35.531, 326.505
Yxy	10.6589, 0.3172, 0.2344
Android (android.graphics.Color)	4286335612 (0xFF7C4A7C)
YUV	94.6500, 14.4696, 25.7400
Hunter-Lab	32.6480, 21.7294, -14.1872

Details

The CIELCh color $39, 35.531, 326.505$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $47, 35.589, 141.545$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 35.726, 326.576$, and $19, 35.670, 326.707$ is the 20% darker color. If you saturate the color by 10%, you get $36, 43.668, 326.959$, and if you desaturate by 10%, it is $42, 26.908, 326.013$.

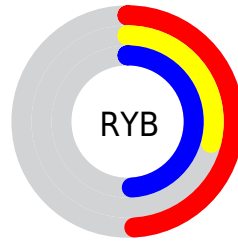
Distribution



Red (49%)

Green (29%)

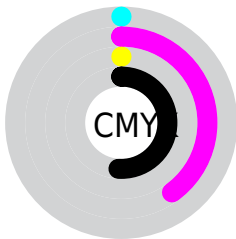
Blue (49%)



Red (49%)

Yellow (29%)

Blue (49%)

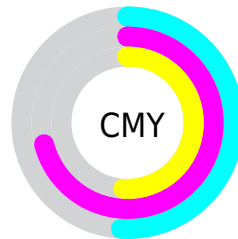


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (71%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.531, 326.505 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, 35.531, 326.505 by changing the saturation by 10% instead.


 39, 35.531,
326.505


 39, 35.531,
326.505

 100, 35.531,
326.505


 29, 35.531,
326.505

 59, 35.531,
326.505


 19, 35.531,
326.505


 69, 35.531,
326.505

 9, 35.531, 326.505

 79, 35.531,
326.505

 0, 35.531, 326.505

 89, 35.531,
326.505

 99, 35.531,
326.505

■ 39, 35.531,
326.505

■ 39, 35.531,
326.505

■ 36, 43.668,
326.959

■ 42, 26.908,
326.013

■ 34, 51.032,
327.360

■ 45, 18.044,
325.496

■ 32, 57.305,
327.694

■ 48, 9.120, 324.962

■ 30, 62.200,
327.949

■ 52, 0.265, 323.773

■ 55, 8.435, 143.966


■ 29, 65.533,
328.119

■ 59, 16.928,
143.457

■ 29, 67.794,
328.234

■ 63, 25.184,
142.974

■ 66, 33.189,
142.517

 70, 40.943,
142.085

Harmonies

Complementary

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



39, 35.531, 326.505



47, 35.589, 141.545

Rectangle

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



39, 35.531, 326.505



39, 35.531, 16.505



39, 35.531, 146.505



39, 35.531, 196.505

Sweetspot

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



39, 35.529, 326.505



61, 13.144, 325.070



34, 31.417, 295.301



31, 8.791, 325.125



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 35.529, 326.505



47, 51.594, 326.909



38, 25.587, 347.456



24, 4.930, 324.895



29, 68.130, 328.234



60, 114.687, 328.234

Inverse Universe

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



39, 35.529, 326.505



47, 51.594, 326.909



48, 24.437, 159.870



24, 4.930, 324.895



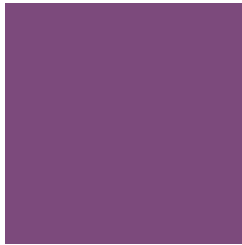
29, 68.130, 328.234



60, 114.687, 328.234

Previews

White Background



This preview shows how the CIELCh color 39, 35.531, 326.505 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, 35.531, 326.505 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, 35.531, 326.505

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.531, 326.505.



This preview shows how white text looks on a background with the CIELCh color 39, 35.531, 326.505.

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, 35.531, 326.505

Protanopia

39, 28.285, 285.137

Deuteranopia

39, 18.395, 287.306



Tritanopia
39, 16.636, 9.412

Trichromacy



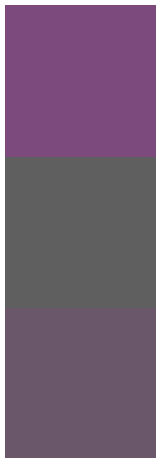
Original Color
39, 35.531, 326.505

Protanomaly
39, 29.093, 300.657

Deuteranomaly
39, 23.481, 307.315

Tritanomaly
39, 21.912, 345.449

Monochromacy



Original Color
39, 35.531, 326.505

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 13.993, 325.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.531, 326.505 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(124, 74, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 74, 124)  
}
```

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(124, 74, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 74, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.531, 326.505 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(124, 74, 124) }
```

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

```
.border{ border-color:rgb(124, 74, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 74, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 74, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 74, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 74,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.531, 326.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 74, 124) }
```

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

```
.background{ background-color: rgb(124, 74,  
124) }
```

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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