

Converting Colors

CIELCh(39, 15.513, 324.895)

Have a look what the booklet for
CIELCh(39, 15.513, 324.895)
contains.

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Color

CIELCh(39, 15.472, 325.452)

Conversions

Conversions Part 1

Format	Color
Hex	6A556A
RGB	106, 85, 106
RGB Percent	42%, 33%, 42%
CMY	0.5834, 0.6657, 0.5834
CMYK	0.00, 0.20, 0.00, 0.58
HSL	300°, 11%, 38%
HSV	300°, 20%, 42%
XYZ	11.8542, 10.6589, 15.1346
YIQ	93.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

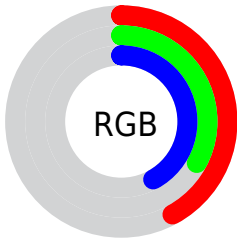
Format	Color
R_{YB}	106, 85, 106
Decimal	6968682
CIE _{Lab}	39.00, 12.74, -8.77
CIE _{LCh}	39, 15.472, 325.452
Yxy	10.6589, 0.3149, 0.2831
Android (android.graphics.Color)	4285158762 (0xFF6A556A)
YUV	93.6730, 6.0772, 10.8108
Hunter-Lab	32.6480, 7.6774, -4.6313

Details

The CIELCh color $39, 15.472, 325.452$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 15.459, 143.269$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 15.077, 325.178$, and $19, 15.238, 324.436$ is the 20% darker color. If you saturate the color by 10%, you get $36, 23.283, 325.962$, and if you desaturate by 10%, it is $42, 7.617, 324.926$.

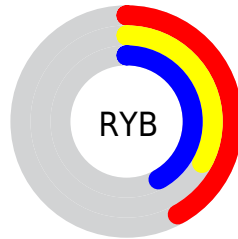
Distribution



Red (42%)

Green (33%)

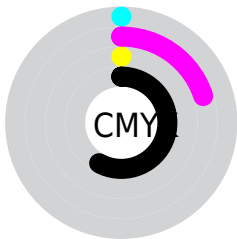
Blue (42%)



Red (42%)

Yellow (33%)

Blue (42%)

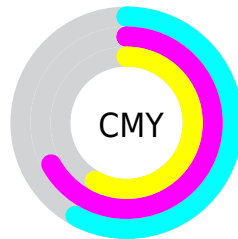


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (58%)



Cyan (58%)


Magenta (67%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.472, 325.452 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, 15.472, 325.452 by changing the saturation by 10% instead.


 39, 15.472,
325.452


 39, 15.472,
325.452

 100, 15.472,
325.452


 29, 15.472,
325.452

 59, 15.472,
325.452


 19, 15.472,
325.452


 69, 15.472,
325.452

 9, 15.472, 325.452

 79, 15.472,
325.452

 0, 15.472, 325.452

 89, 15.472,
325.452

 99, 15.472,
325.452

■ 39, 15.472,
325.452

■ 39, 15.472,
325.452

■ 36, 23.283,
325.962

■ 42, 7.617, 324.926

■ 34, 30.905,
326.449

■ 45, 0.171, 145.387

■ 48, 7.821, 143.949

■ 31, 38.136,
326.901

■ 51, 15.291,
143.449

■ 29, 44.734,
327.304

■ 54, 22.555,
142.975

■ 27, 50.428,
327.644

■ 58, 29.603,
142.525

■ 26, 54.968,
327.909

■ 61, 36.433,
142.099


■ 25, 58.174,
328.093

■ 64, 43.049,
141.699

■ 24, 60.631,

328.232

 67, 49.459,
141.325

 24, 60.688,
328.235

Harmonies

Complementary

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



39, 15.472, 325.452



43, 15.459, 143.269

Rectangle

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



39, 15.472, 325.452



39, 15.472, 15.452



39, 15.472, 145.452



39, 15.472, 195.452

Sweetspot

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



39, 15.471, 325.452



55, 5.775, 324.727



37, 13.005, 292.255



28, 3.802, 324.751



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, 15.471, 325.452



49, 23.242, 325.703



39, 10.970, 345.258



21, 4.407, 324.883



27, 65.111, 328.235



58, 112.042, 328.236

Inverse Universe

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



39, 15.471, 325.452



49, 23.242, 325.703



43, 10.717, 162.044



21, 4.407, 324.883



27, 65.111, 328.235



58, 112.042, 328.236

Previews

White Background



This preview shows how the CIE LCh color 39, 15.472, 325.452 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, 15.472, 325.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

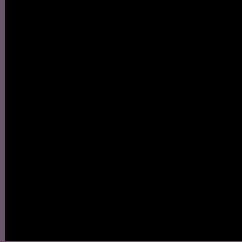
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.472, 325.452

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.472, 325.452.



This preview shows how white text looks on a background with the CIELCh color 39, 15.472, 325.452.

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, 15.472, 325.452

Protanopia

39, 11.672, 286.303

Deuteranopia

39, 9.443, 303.818



Tritanopia
39, 8.782, 351.608

Trichromacy



Original Color
39, 15.472, 325.452

Protanomaly
39, 12.538, 302.885

Deuteranomaly
39, 11.386, 314.666

Tritanomaly
39, 10.847, 338.450

Monochromacy



Original Color
39, 15.472, 325.452

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.201, 324.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.472, 325.452 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(106, 85, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 85, 106)  
}
```

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(106, 85, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 85, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 15.472, 325.452 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(106, 85, 106) }
```

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

```
.border{ border-color:rgb(106, 85, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 85, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 85, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 85, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 85,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 15.472, 325.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 85, 106) }
```

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

```
.background{ background-color: rgb(106, 85,  
106) }
```

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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