

Converting Colors

CIELCh(39, 17.316, 325.557)

Have a look what the booklet for
CIELCh(39, 17.316, 325.557)
contains.

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Color

CIELCh(39, 17.630, 325.579)

Conversions

Conversions Part 1

Format	Color
Hex	6C546C
RGB	108, 84, 108
RGB Percent	42%, 33%, 42%
CMY	0.5757, 0.6698, 0.5757
CMYK	0.00, 0.22, 0.00, 0.58
HSL	300°, 12%, 38%
HSV	300°, 22%, 42%
XYZ	12.1122, 10.6589, 15.6628
YIQ	93.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

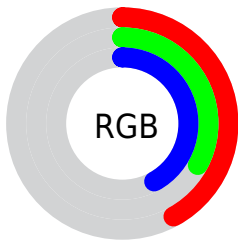
Format	Color
R_{YB}	108, 84, 108
Decimal	7099500
CIE _{Lab}	39.00, 14.54, -9.97
CIE _{LCh}	39, 17.630, 325.579
Yxy	10.6589, 0.3151, 0.2773
Android (android.graphics.Color)	4285289580 (0xFF6C546C)
YUV	93.9120, 6.9454, 12.3552
Hunter-Lab	32.6480, 9.0882, -5.5906

Details


The CIELCh color $39, 17.630, 325.579$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 17.617, 143.094$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 17.315, 326.360$, and $19, 17.564, 324.819$ is the 20% darker color. If you saturate the color by 10%, you get $36, 25.528, 326.086$, and if you desaturate by 10%, it is $42, 9.655, 325.056$.

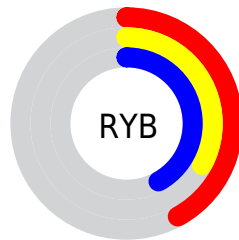
Distribution



 Red (42%)

 Green (33%)

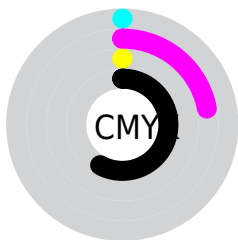
 Blue (42%)




 Red (42%)

 Yellow (33%)

 Blue (42%)

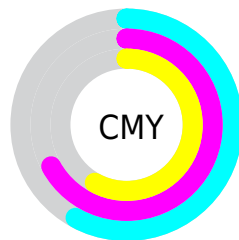



 Cyan (0%)

 Magenta (22%)

 Yellow (0%)

 Black (58%)



 Cyan (58%)


 Magenta (67%)


 Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 17.630, 325.579 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, 17.630, 325.579 by changing the saturation by 10% instead.


 39, 17.630,
325.579


 39, 17.630,
325.579

 100, 17.630,
325.579


 29, 17.630,
325.579

 59, 17.630,
325.579


 19, 17.630,
325.579


 69, 17.630,
325.579

 9, 17.630, 325.579

 79, 17.630,
325.579

 0, 17.630, 325.579

 89, 17.630,
325.579

 99, 17.630,
325.579

■ 39, 17.630,
325.579

■ 39, 17.630,
325.579

■ 36, 25.528,
326.086

■ 42, 9.655, 325.056

■ 34, 33.187,
326.566

■ 45, 1.725, 324.461

■ 48, 6.080, 144.075

■ 31, 40.391,
327.008

■ 51, 13.710,
143.565

■ 29, 46.882,
327.397

■ 55, 21.135,
143.084

■ 27, 52.386,
327.719

■ 58, 28.342,
142.627

■ 26, 56.657,
327.964

■ 61, 35.326,
142.195

■ 25, 59.564,
328.128

■ 64, 42.092,
141.789

■ 25, 61.478,

328.235

 68, 48.646,
141.408

Harmonies

Complementary

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



39, 17.630, 325.579



43, 17.617, 143.094

Rectangle

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



39, 17.630, 325.579



39, 17.630, 15.579



39, 17.630, 145.579



39, 17.630, 195.579

Sweetspot

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



39, 17.629, 325.579



56, 6.843, 324.786



37, 14.886, 292.560



29, 4.482, 324.806



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 17.629, 325.579



48, 26.533, 325.862



39, 12.522, 345.487



21, 4.407, 324.883



27, 65.111, 328.235



58, 112.042, 328.235

Inverse Universe

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



39, 17.629, 325.579



48, 26.533, 325.862



44, 12.198, 161.815



21, 4.407, 324.883



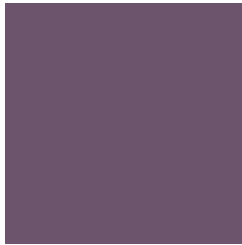
27, 65.111, 328.235



58, 112.042, 328.235

Previews

White Background



This preview shows how the CIE LCh color 39, 17.630, 325.579 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, 17.630, 325.579 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, 17.630, 325.579

Background



This preview shows how black text looks on a background with the CIELCh color 39, 17.630, 325.579.



This preview shows how white text looks on a background with the CIELCh color 39, 17.630, 325.579.

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, 17.630, 325.579

Protanopia

39, 13.523, 285.829

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 9.160, 353.005

Trichromacy



Original Color
39, 17.630, 325.579

Protanomaly
39, 13.739, 302.019

Deuteranomaly
39, 12.513, 312.496

Tritanomaly
39, 11.857, 339.155

Monochromacy



Original Color
39, 17.630, 325.579

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 6.683, 324.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 17.630, 325.579 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(108, 84, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 84, 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(108, 84, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 84, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 17.630, 325.579 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(108, 84, 108) }
```

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

```
.border{ border-color:rgb(108, 84, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 84, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 84, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 84, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 84,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 17.630, 325.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 84, 108) }
```

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

```
.background{ background-color: rgb(108, 84,  
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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