

Converting Colors

CIELCh(39, 14.431, 320.238)

Have a look what the booklet for
CIELCh(39, 14.431, 320.238)
contains.

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Color

CIELCh(39, 14.640, 319.914)

Conversions

Conversions Part 1

Format	Color
Hex	67566B
RGB	103, 86, 107
RGB Percent	40%, 34%, 42%
CMY	0.5951, 0.6618, 0.5794
CMYK	0.04, 0.20, 0.00, 0.58
HSL	289°, 11%, 38%
HSV	289°, 20%, 42%
XYZ	11.6359, 10.6589, 15.4226
YIQ	93.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

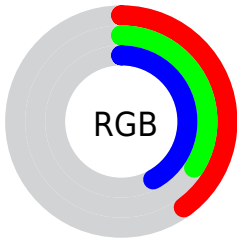
Format	Color
R_{YB}	103, 86, 107
Decimal	6772331
CIE Lab	39.00, 11.20, -9.43
CIE LCh	39, 14.640, 319.914
Yxy	10.6589, 0.3085, 0.2826
Android (android.graphics.Color)	4284962411 (0xFF67566B)
YUV	93.4770, 6.6668, 8.3517
Hunter-Lab	32.6480, 6.4841, -5.1544

Details

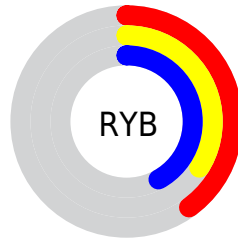
The CIELCh color $[39, 14.640, 319.914]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[43, 14.516, 138.189]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 14.280, 319.952]$, and $[19, 14.605, 319.699]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 22.208, 320.339]$, and if you desaturate by 10%, it is $[42, 7.113, 319.479]$.

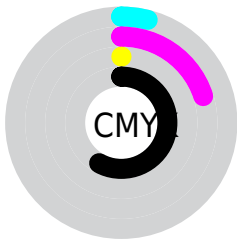
Distribution



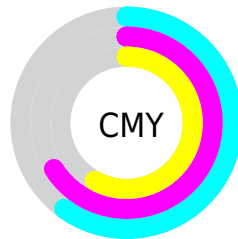
- Red (40%)
- Green (34%)
- Blue (42%)



- Red (40%)
- Yellow (34%)
- Blue (42%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (58%)





- Cyan (60%)
- Magenta (66%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 14.640, 319.914 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, 14.640, 319.914 by changing the saturation by 10% instead.


 39, 14.640,
319.914


 39, 14.640,
319.914

 100, 14.640,
319.914


 29, 14.640,
319.914

 59, 14.640,
319.914


 19, 14.640,
319.914


 69, 14.640,
319.914

 9, 14.640, 319.914

 79, 14.640,
319.914

 0, 14.640, 319.914

 89, 14.640,
319.914

 99, 14.640,
319.914

■ 39, 14.640,
319.914

■ 39, 14.640,
319.914

■ 36, 22.208,
320.339

■ 42, 7.113, 319.479

■ 33, 29.713,
320.744

■ 45, 0.298, 139.532

■ 49, 7.552, 138.698

■ 30, 36.996,
321.109

■ 52, 14.625,
138.310

■ 27, 43.842,
321.408

■ 55, 21.506,
137.950

■ 25, 49.975,
321.609

■ 59, 28.194,
137.617

■ 23, 55.090,
321.673


■ 62, 34.690,
137.310


■ 22, 58.903,
321.565

■ 65, 41.000,
137.028

■ 20, 61.962,

321.376

 69, 47.132,
136.770

 20, 62.094,
321.370

Harmonies

Complementary

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



39, 14.640, 319.914



43, 14.516, 138.189

Rectangle

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



39, 14.640, 319.914



39, 14.640, 9.914



39, 14.640, 139.914



39, 14.640, 189.914

Sweetspot

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



39, 14.639, 319.914



56, 5.533, 319.325



39, 10.401, 282.783



29, 3.700, 319.346



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, 14.639, 319.914



49, 22.413, 320.131



39, 12.543, 335.562



21, 4.162, 319.451



23, 66.195, 321.306



50, 114.080, 320.924

Inverse Universe

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



39, 9.413, 5.802



49, 14.546, 6.393



43, 12.447, 152.922



21, 2.627, 4.687



23, 51.625, 27.755



51, 91.532, 31.185

Previews

White Background



This preview shows how the CIE LCh color 39, 14.640, 319.914 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, 14.640, 319.914 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, 14.640, 319.914

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.640, 319.914.



This preview shows how white text looks on a background with the CIELCh color 39, 14.640, 319.914.

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, 14.640, 319.914

Protanopia

39, 12.279, 286.701

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 6.980, 342.583

Trichromacy



Original Color
39, 14.640, 319.914

Protanomaly
39, 13.072, 300.730

Deuteranomaly
39, 11.536, 307.880

Tritanomaly
39, 9.674, 331.371

Monochromacy



Original Color
39, 14.640, 319.914

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 5.514, 317.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.640, 319.914 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(103, 86, 107)` looks like.

```
.text, #text, p{  
    color:rgb(103, 86, 107)  
}
```

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(103, 86, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 86, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.640, 319.914 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(103, 86, 107) }
```

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

```
.border{ border-color:rgb(103, 86, 107) }
```

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

Here you see how a box with a 4 pixel rgb(103, 86, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 86, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 86, 107);  
box-shadow:4px 4px 4px 4px rgb(103, 86,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.640, 319.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 86, 107) }
```

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

```
.background{ background-color: rgb(103, 86,  
107) }
```

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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