

Converting Colors

CIELCh(39, 35.352, 297.984)

Have a look what the booklet for
CIELCh(39, 35.352, 297.984)
contains.

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Color

CIELCh(39, 35.605, 297.998)

Conversions

Conversions Part 1

Format	Color
Hex	5A558F
RGB	90, 85, 143
RGB Percent	35%, 33%, 56%
CMY	0.6470, 0.6666, 0.4391
CMYK	0.37, 0.41, 0.00, 0.44
HSL	245°, 25%, 45%
HSV	245°, 41%, 56%
XYZ	12.4285, 10.6589, 27.3983
YIQ	93.1070, -15.6380, 19.0980

Conversions

Conversions Part 2

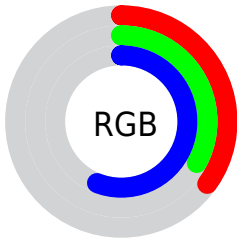
Format	Color
R_{YB}	90, 85, 143
Decimal	5920143
CIE _{Lab}	39.00, 16.71, -31.44
CIE _{LCh}	39, 35.605, 297.998
Yxy	10.6589, 0.2462, 0.2111
Android (android.graphics.Color)	4284110223 (0xFF5A558F)
YUV	93.1070, 24.5972, -2.7248
Hunter-Lab	32.6480, 10.8175, -26.9028

Details

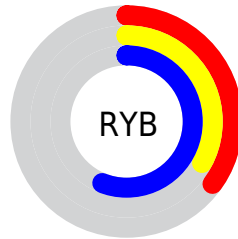
The CIELCh color $[39, 35.605, 297.998]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[58, 32.224, 110.300]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 35.316, 297.744]$, and $[19, 35.448, 297.954]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 45.244, 299.517]$, and if you desaturate by 10%, it is $[44, 26.293, 296.654]$.

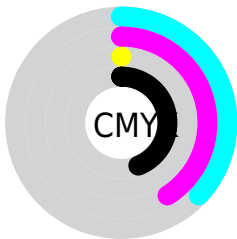
Distribution



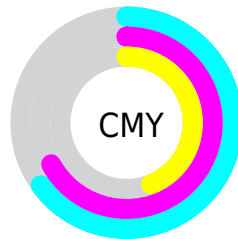
- Red (35%)
- Green (33%)
- Blue (56%)



- Red (35%)
- Yellow (33%)
- Blue (56%)



- Cyan (37%)
- Magenta (41%)
- Yellow (0%)
- Black (44%)





- Cyan (65%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.605, 297.998 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, 35.605, 297.998 by changing the saturation by 10% instead.


 39, 35.605,
297.998


 39, 35.605,
297.998

 100, 35.605,
297.998


 29, 35.605,
297.998

 59, 35.605,
297.998


 19, 35.605,
297.998

 69, 35.605,
297.998

 9, 35.605, 297.998

 79, 35.605,
297.998

 0, 35.605, 297.998

 89, 35.605,
297.998

 99, 35.605,
297.998

■ 39, 35.605,
297.998

■ 39, 35.605,
297.998

■ 34, 45.244,
299.517

■ 44, 26.293,
296.654

■ 29, 55.103,
301.179

■ 49, 17.338,
295.486

■ 25, 64.887,
302.897

■ 54, 8.732, 294.480

■ 21, 73.969,
304.499

■ 59, 0.457, 293.667

■ 64, 7.511, 112.868

■ 18, 81.295,
305.732

■ 69, 15.191,
112.233

■ 16, 86.504,
306.638

■ 74, 22.604,
111.686

■ 79, 29.767,
111.215

■ 84, 36.697,
110.807

Harmonies

Complementary

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



39, 35.605, 297.998



58, 32.224, 110.300

Rectangle

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



39, 35.605, 297.998



39, 35.605, 347.998



39, 35.605, 117.998



39, 35.605, 167.998

Sweetspot

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



39, 35.604, 297.998



68, 12.350, 294.640



54, 18.250, 206.567



35, 8.274, 294.749



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



39, 35.604, 297.998



45, 54.322, 299.434



42, 37.055, 313.709



28, 4.654, 294.354



15, 82.987, 306.660



0, 3.093, 293.568

Inverse Universe

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



44, 37.878, 329.121



54, 55.896, 329.634



56, 35.425, 130.098



28, 5.287, 327.343



31, 67.502, 331.889



1, 3.551, 326.856

Previews

White Background



This preview shows how the CIE LCh color 39, 35.605, 297.998 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 CIE LCh color 39, 35.605, 297.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

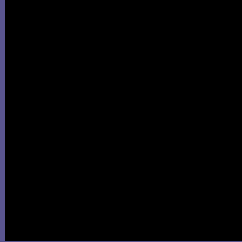
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.605, 297.998

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.605, 297.998.

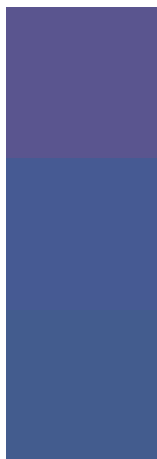


This preview shows how white text looks on a background with the CIELCh color 39, 35.605, 297.998.

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

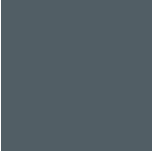
39, 35.605, 297.998

Protanopia

39, 35.055, 285.556

Deuteranopia

39, 31.084, 280.618



Tritanopia
39, 6.576, 239.760

Trichromacy



Original Color
39, 35.605, 297.998

Protanomaly
39, 35.511, 289.965

Deuteranomaly
39, 32.549, 287.307

Tritanomaly
39, 15.458, 282.902

Monochromacy



Original Color
39, 35.605, 297.998

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 12.915, 295.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.605, 297.998 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(90, 85, 143)` looks like.

```
.text, #text, p{  
    color:rgb(90, 85, 143)  
}
```

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(90, 85, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 85, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.605, 297.998 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(90, 85, 143) }
```

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

```
.border{ border-color:rgb(90, 85, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 85, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 85, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 85, 143);  
box-shadow:4px 4px 4px 4px rgb(90, 85,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.605, 297.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 85, 143) }
```

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

```
.background{ background-color: rgb(90, 85,  
143) }
```

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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