

Converting Colors

CIELCh(39, 35.276, 110.572)

Have a look what the booklet for
CIELCh(39, 35.276, 110.572)
contains.

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Color

CIELCh(39, 35.240, 110.239)

Conversions

Conversions Part 1

Format	Color
Hex	596023
RGB	89, 96, 35
RGB Percent	35%, 38%, 14%
CMY	0.6502, 0.6227, 0.8620
CMYK	0.07, 0.00, 0.63, 0.62
HSL	67°, 46%, 26%
HSV	67°, 63%, 38%
XYZ	8.6471, 10.6589, 3.2067
YIQ	86.9530, 15.4090, -20.4550

Conversions

Conversions Part 2

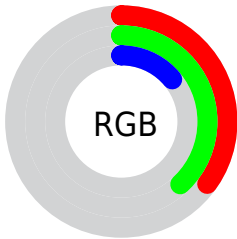
Format	Color
RYB	35, 96, 42
Decimal	5857315
CIELab	39.00, -12.19, 33.06
CIElCh	39, 35.240, 110.239
Yxy	10.6589, 0.3841, 0.4735
Android (android.graphics.Color)	4284047395 (0xFF596023)
YUV	86.9530, -25.6128, 1.7952
Hunter-Lab	32.6480, -9.8569, 17.0301

Details

The CIELCh color **39, 35.240, 110.239** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18, 41.648, 301.856**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 34.750, 109.783**, and **19, 29.096, 112.528** is the 20% darker color. If you saturate the color by 10%, you get **39, 39.668, 109.787**, and if you desaturate by 10%, it is **39, 30.266, 110.825**.

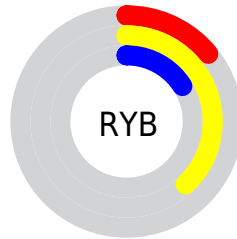
Distribution



Red (35%)

Green (38%)

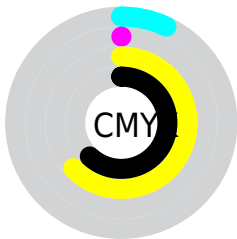
Blue (14%)



Red (14%)

Yellow (38%)

Blue (16%)

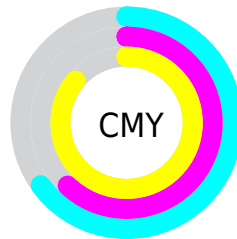


Cyan (7%)

Magenta (0%)

Yellow (63%)

Black (62%)



Cyan (65%)


Magenta (62%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.240, 110.239 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, 35.240, 110.239 by changing the saturation by 10% instead.


 39, 35.240,
110.239


 39, 35.240,
110.239

 100, 35.240,
110.239


 29, 35.240,
110.239

 59, 35.240,
110.239


 19, 35.240,
110.239


 69, 35.240,
110.239

 9, 35.240, 110.239

 79, 35.240,
110.239

 0, 35.240, 110.239

 89, 35.240,
110.239

 99, 35.240,
110.239

■ 39, 35.240,
110.239

■ 39, 35.240,
110.239

■ 39, 39.668,
109.787

■ 39, 30.266,
110.825

■ 39, 43.320,
109.519

■ 39, 24.927,
111.494

■ 39, 46.066,
109.466

■ 40, 19.355,
112.211

■ 38, 47.854,
109.419

■ 40, 13.639,
112.951

■ 40, 7.839, 113.696

■ 41, 1.996, 114.428

■ 41, 3.863, 295.155

■ 41, 9.717, 295.847

■ 42, 15.552,

Harmonies

Complementary

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



39, 35.240, 110.239



18, 41.648, 301.856

Rectangle

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



39, 35.240, 110.239



39, 35.240, 160.239



39, 35.240, 290.239



39, 35.240, 340.239

Sweetspot

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



39, 35.241, 110.241



52, 13.742, 113.238



24, 29.175, 33.190



26, 9.525, 113.087



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 35.241, 110.241



50, 50.026, 109.629



37, 39.186, 129.796



20, 3.298, 114.031



45, 53.349, 109.537



90, 93.357, 109.944

Inverse Universe

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



18, 41.648, 301.856



20, 62.533, 304.088



22, 41.777, 315.024



18, 3.363, 295.369



11, 72.325, 306.909



31, 127.011, 306.617

Previews

White Background



This preview shows how the CIELCh color 39, 35.240, 110.239 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, 35.240, 110.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

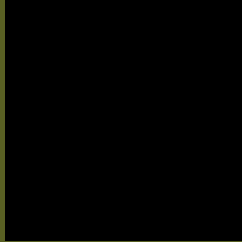
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.240, 110.239

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.240, 110.239.



This preview shows how white text looks on a background with the CIELCh color 39, 35.240, 110.239.

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, 35.240, 110.239

Protanopia

39, 34.177, 95.530

Deuteranopia

39, 32.509, 80.670



Tritanopia
39, 4.791, 316.442

Trichromacy



Original Color
39, 35.240, 110.239

Protanomaly
39, 34.680, 101.420

Deuteranomaly
39, 32.176, 91.637

Tritanomaly
39, 10.353, 106.045

Monochromacy



Original Color
39, 35.240, 110.239

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 13.449, 111.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.240, 110.239 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(89, 96, 35)` looks like.

```
.text, #text, p{  
    color:rgb(89, 96, 35)  
}
```

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(89, 96, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 96, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.240, 110.239 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(89, 96, 35) }
```

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

```
.border{ border-color:rgb(89, 96, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 96, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 96, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 96, 35);  
box-shadow:4px 4px 4px 4px rgb(89, 96, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.240, 110.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 96, 35) }
```

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

```
.background{ background-color: rgb(89, 96,  
35) }
```

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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