

Converting Colors

CIELCh(39, 51.374, 297.944)

Have a look what the booklet for
CIELCh(39, 51.374, 297.944)
contains.

CIELCh(39, 51.232, 298.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 51.232, 298.022)

Conversions

Conversions Part 1

Format	Color
Hex	5452A6
RGB	84, 82, 166
RGB Percent	33%, 32%, 65%
CMY	0.6708, 0.6786, 0.3493
CMYK	0.49, 0.51, 0.00, 0.35
HSL	241°, 34%, 49%
HSV	241°, 51%, 65%
XYZ	13.5407, 10.6589, 37.3897
YIQ	92.1740, -25.7720, 26.5480

Conversions

Conversions Part 2

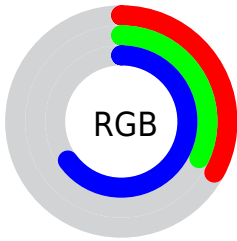
Format	Color
R _Y B	84, 82, 166
Decimal	5526182
CIE Lab	39.00, 24.07, -45.23
CIE LCh	39, 51.232, 298.022
Yxy	10.6589, 0.2199, 0.1731
Android (android.graphics.Color)	4283716262 (0xFF5452A6)
YUV	92.1740, 36.3962, -7.1686
Hunter-Lab	32.6480, 16.8982, -45.0474

Details

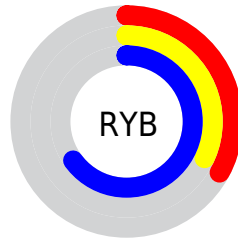
The CIELCh color **39, 51.232, 298.022** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **66, 44.645, 106.584**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 51.672, 298.306**, and **19, 51.269, 298.080** is the 20% darker color. If you saturate the color by 10%, you get **34, 62.465, 300.002**, and if you desaturate by 10%, it is **45, 40.279, 296.230**.

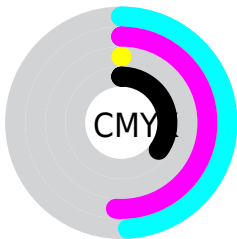
Distribution



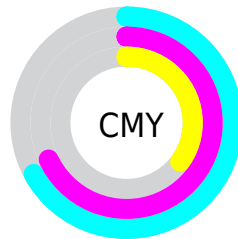
- Red (33%)
- Green (32%)
- Blue (65%)



- Red (33%)
- Yellow (32%)
- Blue (65%)



- Cyan (49%)
- Magenta (51%)
- Yellow (0%)
- Black (35%)





- Cyan (67%)
- Magenta (68%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.232, 298.022 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, 51.232, 298.022 by changing the saturation by 10% instead.


 39, 51.232,
298.022


 39, 51.232,
298.022

 100, 51.232,
298.022


 29, 51.232,
298.022

 59, 51.232,
298.022


 19, 51.232,
298.022


 69, 51.232,
298.022

 9, 51.232, 298.022

 79, 51.232,
298.022

 0, 51.232, 298.022

 89, 51.232,
298.022

 99, 51.232,
298.022

■ 39, 51.232,
298.022

■ 39, 51.232,
298.022

■ 34, 62.465,
300.002

■ 45, 40.279,
296.230

■ 28, 73.616,
302.057

■ 50, 29.733,
294.659

■ 24, 83.871,
303.971

■ 56, 19.612,
293.308

■ 21, 91.862,
305.435

■ 62, 9.901, 292.156


■ 68, 0.572, 291.252

■ 19, 96.883,
306.367

■ 73, 8.404, 110.325

■ 79, 17.051,
109.613

■ 85, 25.394,
109.001

 90, 33.452,
108.474

Harmonies

Complementary

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



39, 51.232, 298.022



66, 44.645, 106.584

Rectangle

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



39, 51.232, 298.022



39, 51.232, 348.022



39, 51.232, 118.022



39, 51.232, 168.022

Sweetspot

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



39, 51.232, 298.023



76, 17.545, 292.670



63, 26.031, 198.957



39, 12.115, 292.906



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 51.232, 298.023



43, 78.305, 300.313



43, 52.029, 312.108



32, 5.325, 292.018



16, 89.016, 306.379



0, 9.562, 290.982

Inverse Universe

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



48, 54.678, 327.726



58, 79.186, 328.216



63, 48.491, 127.358



33, 6.327, 325.562



35, 75.600, 329.180



2, 11.410, 325.342

Previews

White Background



This preview shows how the CIE LCh color 39, 51.232, 298.022 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, 51.232, 298.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

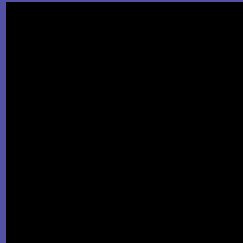
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.232, 298.022

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.232, 298.022.



This preview shows how white text looks on a background with the CIELCh color 39, 51.232, 298.022.

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, 51.232, 298.022

Protanopia

39, 51.484, 286.728

Deuteranopia

39, 44.001, 277.581



Tritanopia
39, 12.504, 221.341

Trichromacy



Original Color
39, 51.232, 298.022

Protanomaly
39, 51.333, 290.391

Deuteranomaly
39, 46.325, 284.248

Tritanomaly
39, 22.164, 275.823

Monochromacy



Original Color
39, 51.232, 298.022

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 19.063, 294.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.232, 298.022 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(84, 82, 166)` looks like.

```
.text, #text, p{  
    color:rgb(84, 82, 166)  
}
```

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(84, 82, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 82, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.232, 298.022 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(84, 82, 166) }
```

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

```
.border{ border-color:rgb(84, 82, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 82, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 82, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 82, 166);  
box-shadow:4px 4px 4px 4px rgb(84, 82,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.232, 298.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 82, 166) }
```

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

```
.background{ background-color: rgb(84, 82,  
166) }
```

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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