

Converting Colors

CIELCh(39, 48.696, 326.025)

Have a look what the booklet for
CIELCh(39, 48.696, 326.025)
contains.

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Color

CIELCh(39, 48.831, 325.816)

Conversions

Conversions Part 1

Format	Color
Hex	864189
RGB	134, 65, 137
RGB Percent	53%, 25%, 54%
CMY	0.4744, 0.7450, 0.4627
CMYK	0.02, 0.53, 0.00, 0.46
HSL	298°, 36%, 40%
HSV	298°, 53%, 54%
XYZ	16.2423, 10.6589, 24.8748
YIQ	93.8390, 18.0120, 37.0200

Conversions

Conversions Part 2

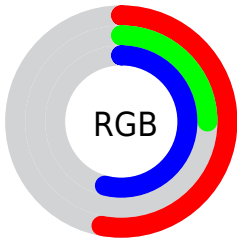
Format	Color
R_{YB}	134, 65, 137
Decimal	8798601
CIE _{Lab}	39.00, 40.39, -27.44
CIE _{LCh}	39, 48.831, 325.816
Yxy	10.6589, 0.3137, 0.2059
Android (android.graphics.Color)	4286988681 (0xFF864189)
YUV	93.8390, 21.2784, 35.2212
Hunter-Lab	32.6480, 31.6691, -22.3199

Details

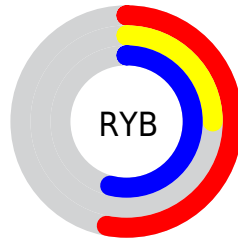
The CIELCh color $[39, 48.831, 325.816]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[51, 48.911, 139.441]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 48.917, 325.744]$, and $[19, 49.092, 325.735]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 56.584, 326.164]$, and if you desaturate by 10%, it is $[42, 40.184, 325.402]$.

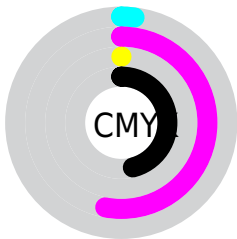
Distribution



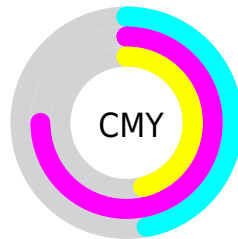
- Red (53%)
- Green (25%)
- Blue (54%)



- Red (53%)
- Yellow (25%)
- Blue (54%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (75%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 48.831, 325.816 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, 48.831, 325.816 by changing the saturation by 10% instead.


 39, 48.831,
325.816


 39, 48.831,
325.816

 100, 48.831,
325.816


 29, 48.831,
325.816

 59, 48.831,
325.816

 19, 48.831,
325.816

 69, 48.831,
325.816

 9, 48.831, 325.816

 79, 48.831,
325.816

 0, 48.831, 325.816

 89, 48.831,
325.816

 99, 48.831,
325.816

39, 48.831,
325.816

39, 48.831,
325.816

36, 56.584,
326.164

42, 40.184,
325.402

34, 63.092,
326.427

45, 30.981,
324.941

33, 68.036,
326.588

49, 21.490,
324.450

32, 71.234,
326.637

52, 11.917,
323.942


31, 72.972,
326.635

56, 2.406, 323.377

60, 6.946, 142.988

64, 16.082,
142.494

68, 24.969,
142.032

 72, 33.593,
141.595

Harmonies

Complementary

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



39, 48.831, 325.816



51, 48.911, 139.441

Rectangle

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



39, 48.831, 325.816



39, 48.831, 15.816



39, 48.831, 145.816



39, 48.831, 195.816

Sweetspot

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



39, 48.829, 325.816



65, 18.893, 324.137



32, 43.123, 295.822



33, 12.714, 324.226



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 48.829, 325.816



47, 70.290, 326.220



38, 36.743, 346.143



27, 5.371, 323.765



30, 71.259, 326.640



0, 2.478, 323.324

Inverse Universe

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



37, 33.488, 22.317



44, 50.908, 25.248



52, 35.357, 155.791



27, 3.150, 16.507



27, 61.843, 36.998



0, 1.418, 15.942

Previews

White Background



This preview shows how the CIELCh color 39, 48.831, 325.816 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, 48.831, 325.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

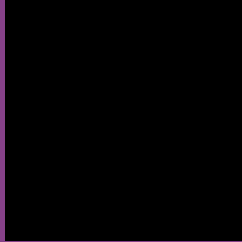
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 48.831, 325.816

Background



This preview shows how black text looks on a background with the CIELCh color 39, 48.831, 325.816.

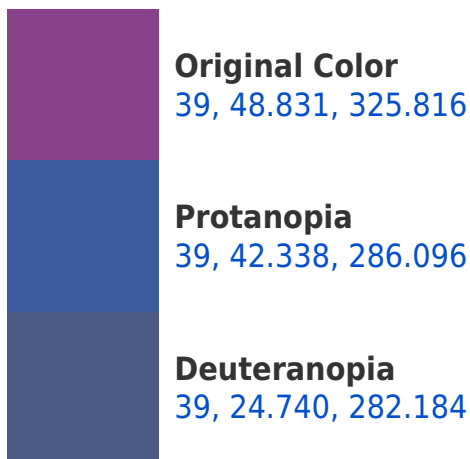


This preview shows how white text looks on a background with the CIELCh color 39, 48.831, 325.816.

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





Tritanopia
39, 22.104, 13.593

Trichromacy



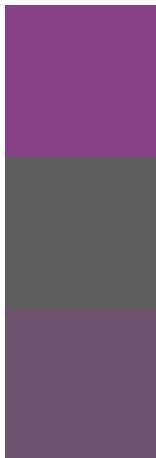
Original Color
39, 48.831, 325.816

Protanomaly
38, 43.054, 299.280

Deuteranomaly
38, 32.527, 304.715

Tritanomaly
39, 29.302, 346.378

Monochromacy



Original Color
39, 48.831, 325.816

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 19.565, 324.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 48.831, 325.816 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(134, 65, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 65, 137)  
}
```

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(134, 65, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 65, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 48.831, 325.816 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(134, 65, 137) }
```

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

```
.border{ border-color:rgb(134, 65, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 65, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 65, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 65, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 65,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 48.831, 325.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 65, 137) }
```

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

```
.background{ background-color: rgb(134, 65,  
137) }
```

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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