

Converting Colors

CIELCh(39, 23.872, 108.689)

Have a look what the booklet for
CIELCh(39, 23.872, 108.689)
contains.

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Color

CIELCh(39, 23.336, 108.800)

Conversions

Conversions Part 1

Format	Color
Hex	5C5E37
RGB	92, 94, 55
RGB Percent	36%, 37%, 22%
CMY	0.6375, 0.6297, 0.7827
CMYK	0.02, 0.00, 0.41, 0.63
HSL	63°, 26%, 29%
HSV	63°, 41%, 37%
XYZ	9.1971, 10.6589, 5.2376
YIQ	88.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

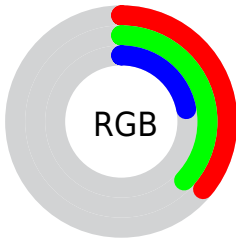
Format	Color
RYB	55, 94, 57
Decimal	6053431
CIELab	39.00, -7.52, 22.09
CIElCh	39, 23.336, 108.800
Yxy	10.6589, 0.3665, 0.4248
Android (android.graphics.Color)	4284243511 (0xFF5C5E37)
YUV	88.9560, -16.7403, 2.6696
Hunter-Lab	32.6480, -6.8497, 13.3420

Details

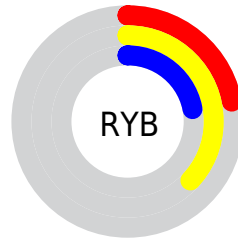
The CIELCh color $39, 23.336, 108.800$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25, 25.731, 296.786$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 22.928, 108.571$, and $19, 23.291, 108.630$ is the 20% darker color. If you saturate the color by 10%, you get $39, 28.631, 108.036$, and if you desaturate by 10%, it is $39, 17.834, 109.610$.

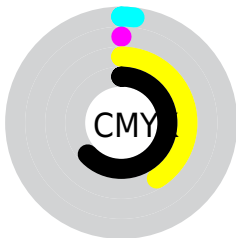
Distribution



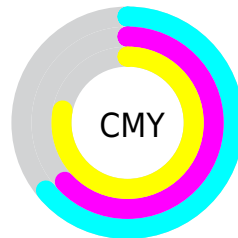
- Red (36%)
- Green (37%)
- Blue (22%)



- Red (22%)
- Yellow (37%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (63%)





- Cyan (64%)
- Magenta (63%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 23.336, 108.800 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, 23.336, 108.800 by changing the saturation by 10% instead.


 39, 23.336,
108.800


 39, 23.336,
108.800

 100, 23.336,
108.800

 29, 23.336,
108.800

 59, 23.336,
108.800


 19, 23.336,
108.800

 69, 23.336,
108.800

 9, 23.336, 108.800

 79, 23.336,
108.800

 0, 23.336, 108.800

 89, 23.336,
108.800

 99, 23.336,
108.800

■ 39, 23.336,
108.800

■ 39, 23.336,
108.800

■ 39, 28.631,
108.036

■ 39, 17.834,
109.610

■ 39, 33.597,
107.336

■ 39, 12.204,
110.435

■ 39, 38.065,
106.738

■ 40, 6.500, 111.260

■ 38, 41.816,
106.286

■ 40, 0.760, 112.048

■ 40, 4.993, 292.887

■ 38, 44.642,
106.018

■ 41, 10.741,
293.658

■ 38, 46.937,
105.808

■ 41, 16.471,
294.401

■ 42, 22.173,
295.111

■ 42, 27.841,
295.786

Harmonies

Complementary

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



39, 23.336, 108.800



25, 25.731, 296.786

Rectangle

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



39, 23.336, 108.800



39, 23.336, 158.800



39, 23.336, 288.800



39, 23.336, 338.800

Sweetspot

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



39, 23.337, 108.803



51, 8.522, 111.175



28, 18.109, 26.621



26, 5.599, 111.116



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 23.337, 108.803



50, 34.518, 108.021



37, 25.448, 129.020



20, 3.288, 111.459



45, 52.999, 105.869



91, 92.670, 106.057

Inverse Universe

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



25, 25.731, 296.786



29, 39.296, 298.372



27, 26.706, 312.593



18, 3.353, 292.964



11, 72.722, 306.559



30, 127.461, 306.397

Previews

White Background



This preview shows how the CIE LCh color 39, 23.336, 108.800 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, 23.336, 108.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

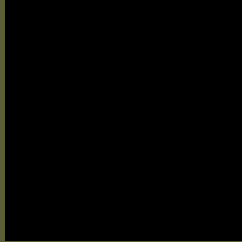
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

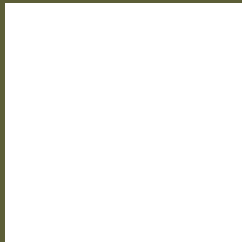
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 23.336, 108.800

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.336, 108.800.



This preview shows how white text looks on a background with the CIELCh color 39, 23.336, 108.800.

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, 23.336, 108.800

Protanopia

39, 23.159, 96.961

Deuteranopia

39, 22.097, 76.869



Tritanopia
39, 5.211, 324.780

Trichromacy



Original Color
39, 23.336, 108.800

Protanomaly
39, 22.861, 101.754

Deuteranomaly
39, 21.711, 88.757

Tritanomaly
39, 6.228, 96.994

Monochromacy



Original Color
39, 23.336, 108.800

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 8.560, 111.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.336, 108.800 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(92, 94, 55)` looks like.

```
.text, #text, p{  
    color:rgb(92, 94, 55)  
}
```

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(92, 94, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 94, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.336, 108.800 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(92, 94, 55) }
```

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

```
.border{ border-color:rgb(92, 94, 55) }
```

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

Here you see how a box with a 4 pixel rgb(92, 94, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 94, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 94, 55);  
box-shadow:4px 4px 4px 4px rgb(92, 94, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.336, 108.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 94, 55) }
```

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

```
.background{ background-color: rgb(92, 94,  
55) }
```

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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