

Converting Colors

CIELCh(39, 8.473, 25.225)

Have a look what the booklet for
CIELCh(39, 8.473, 25.225) contains.

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Color

CIELCh(39, 8.836, 24.531)

Conversions

Conversions Part 1

Format	Color
Hex	6B5756
RGB	107, 87, 86
RGB Percent	42%, 34%, 34%
CMY	0.5796, 0.6581, 0.6620
CMYK	0.00, 0.19, 0.20, 0.58
HSL	3°, 11%, 38%
HSV	3°, 20%, 42%
XYZ	11.1969, 10.6589, 10.3102
YIQ	92.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

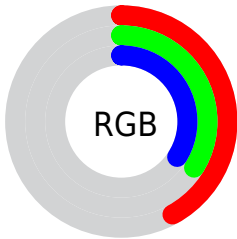
Format	Color
RYB	107, 87, 86
Decimal	7034710
CIELab	39.00, 8.04, 3.67
CIElCh	39, 8.836, 24.531
Yxy	10.6589, 0.3481, 0.3314
Android (android.graphics.Color)	4285224790 (0xFF6B5756)
YUV	92.8660, -3.3849, 12.3955
Hunter-Lab	32.6480, 4.0839, 4.1299

Details

The CIELCh color **39, 8.836, 24.531** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 7.810, 202.973**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 8.888, 23.878**, and **19, 8.584, 25.803** is the 20% darker color. If you saturate the color by 10%, you get **36, 13.857, 25.315**, and if you desaturate by 10%, it is **42, 4.165, 23.919**.

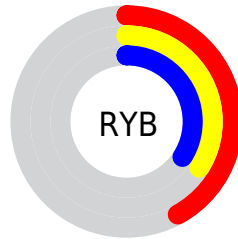
Distribution



Red (42%)

Green (34%)

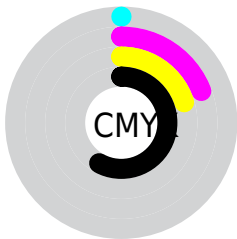
Blue (34%)



Red (42%)

Yellow (34%)

Blue (34%)

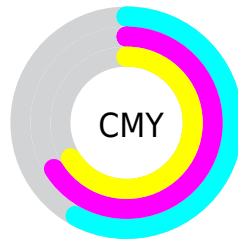


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 8.836, 24.531 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, 8.836, 24.531 by changing the saturation by 10% instead.

■ 39, 8.836, 24.531 ■ 39, 8.836, 24.531

■ 100, 8.836, 24.531 ■ 29, 8.836, 24.531

■ 59, 8.836, 24.531 ■ 19, 8.836, 24.531

■ 69, 8.836, 24.531 ■ 9, 8.836, 24.531

■ 79, 8.836, 24.531 ■ 0, 8.836, 24.531

■ 89, 8.836, 24.531

■ 99, 8.836, 24.531

■ 39, 8.836, 24.531 ■ 39, 8.836, 24.531

■ 36, 13.857, 25.315 ■ 42, 4.165, 23.919

■ 33, 19.225, 26.324 ■ 45, 0.167, 205.676

30, 24.905, 27.639

49, 4.185, 203.328

28, 30.823, 29.334

52, 7.918, 203.045

25, 36.855, 31.466

55, 11.396,
202.851

23, 42.809, 34.024

59, 14.648,
202.712

22, 48.041, 36.293

21, 51.873, 37.750

62, 17.701,
202.614

21, 52.024, 37.809

65, 20.578,
202.546

69, 23.301,
202.502

Harmonies

Complementary

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



39, 8.836, 24.531



43, 7.810, 202.973

Rectangle

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



39, 8.836, 24.531



39, 8.836, 74.531



39, 8.836, 204.531



39, 8.836, 254.531

Sweetspot

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



39, 8.835, 24.539



56, 3.204, 23.707



39, 15.104, 326.359



29, 2.145, 23.737



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 8.835, 24.539



49, 13.752, 24.908



42, 8.020, 76.586



21, 2.430, 23.881



23, 56.276, 38.654



51, 100.807, 40.355

Inverse Universe

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



43, 7.810, 202.973



55, 11.737, 202.832



40, 7.719, 261.613



22, 2.303, 203.353



42, 26.551, 203.951



84, 45.540, 204.430

Previews

White Background



This preview shows how the CIELCh color 39, 8.836, 24.531 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, 8.836, 24.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

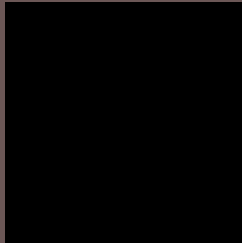
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 8.836, 24.531

Background



This preview shows how black text looks on a background with the CIELCh color 39, 8.836, 24.531.



This preview shows how white text looks on a background with the CIELCh color 39, 8.836, 24.531.

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, 8.836, 24.531

Protanopia

39, 2.009, 84.718

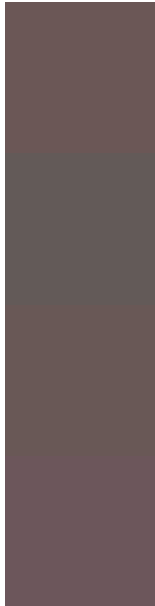
Deuteranopia

39, 6.410, 36.660



Tritanopia
39, 10.346, 356.631

Trichromacy



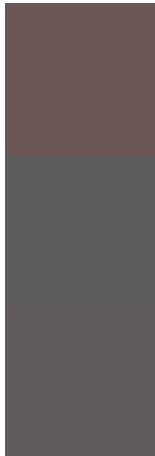
Original Color
39, 8.836, 24.531

Protanomaly
39, 4.075, 37.209

Deuteranomaly
39, 7.578, 29.588

Tritanomaly
39, 9.975, 3.130

Monochromacy



Original Color
39, 8.836, 24.531

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 2.988, 19.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 8.836, 24.531 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(107, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 87, 86)  
}
```

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(107, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 87, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 8.836, 24.531 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(107, 87, 86) }
```

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

```
.border{ border-color:rgb(107, 87, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 87, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 87,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 8.836, 24.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 87, 86) }
```

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

```
.background{ background-color: rgb(107, 87,  
86) }
```

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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