

Converting Colors

CIELCh(39, 25.349, 101.231)

Have a look what the booklet for
CIELCh(39, 25.349, 101.231)
contains.

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Color

CIELCh(39, 25.187, 100.687)

Conversions

Conversions Part 1

Format	Color
Hex	625D33
RGB	98, 93, 51
RGB Percent	38%, 36%, 20%
CMY	0.6158, 0.6354, 0.8001
CMYK	0.00, 0.05, 0.48, 0.62
HSL	54°, 32%, 29%
HSV	54°, 48%, 38%
XYZ	9.5439, 10.6589, 4.6839
YIQ	89.7070, 16.4620, -12.0020

Conversions

Conversions Part 2

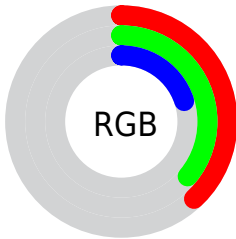
Format	Color
RYB	57, 98, 51
Decimal	6446387
CIELab	39.00, -4.67, 24.75
CIElCh	39, 25.187, 100.687
Yxy	10.6589, 0.3835, 0.4283
Android (android.graphics.Color)	4284636467 (0xFF625D33)
YUV	89.7070, -19.0826, 7.2730
Hunter-Lab	32.6480, -4.9536, 14.3475

Details

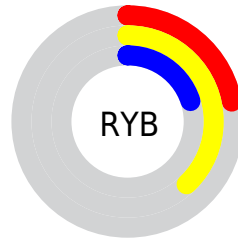
The CIELCh color **39, 25.187, 100.687** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25, 27.642, 292.203**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.329, 100.340**, and **19, 25.202, 100.411** is the 20% darker color. If you saturate the color by 10%, you get **39, 30.092, 99.696**, and if you desaturate by 10%, it is **39, 20.069, 101.701**.

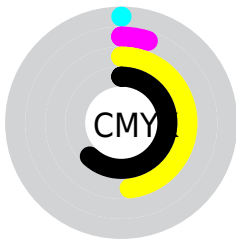
Distribution



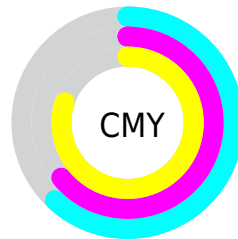
- Red (38%)
- Green (36%)
- Blue (20%)



- Red (22%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (48%)
- Black (62%)





- Cyan (62%)
- Magenta (64%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.187, 100.687 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, 25.187, 100.687 by changing the saturation by 10% instead.


 39, 25.187,
100.687


 39, 25.187,
100.687

 100, 25.187,
100.687


 29, 25.187,
100.687

 59, 25.187,
100.687


 19, 25.187,
100.687


 69, 25.187,
100.687

 9, 25.187, 100.687

 79, 25.187,
100.687

 0, 25.187, 100.687

 89, 25.187,
100.687

 99, 25.187,
100.687

■ 39, 25.187,
100.687

■ 39, 25.187,
100.687

■ 39, 30.092, 99.696

■ 39, 20.069,
101.701

■ 38, 34.633, 98.735

■ 40, 14.832,
102.716

■ 38, 38.596, 97.819

■ 37, 41.706, 96.960

■ 41, 9.538, 103.723

■ 37, 44.240, 96.151

■ 41, 4.225, 104.707

■ 37, 44.804, 95.990

■ 42, 1.084, 285.752

■ 42, 6.374, 286.643

■ 43, 11.636,
287.544

■ 44, 16.864,
288.412

■ 44, 22.056,

Harmonies

Complementary

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



39, 25.187, 100.687



25, 27.642, 292.203

Rectangle

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



39, 25.187, 100.687



39, 25.187, 150.687



39, 25.187, 280.687



39, 25.187, 330.687

Sweetspot

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



39, 25.188, 100.690



52, 9.229, 104.076



27, 22.586, 15.434



26, 6.316, 103.926



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, 25.188, 100.690



50, 37.290, 99.524



39, 29.019, 122.609



20, 2.948, 104.621



42, 49.250, 95.869



85, 85.746, 95.385

Inverse Universe

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



25, 27.642, 292.203



29, 42.411, 294.643



25, 31.570, 307.681



18, 2.994, 286.420



12, 67.340, 303.998



32, 122.351, 305.101

Previews

White Background



This preview shows how the CIELCh color 39, 25.187, 100.687 looks on a white background.

Color Contrast Check

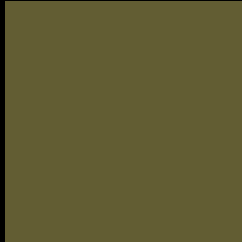
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.187, 100.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

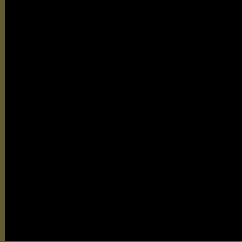
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 25.187, 100.687

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.187, 100.687.



This preview shows how white text looks on a background with the CIELCh color 39, 25.187, 100.687.

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, 25.187, 100.687

Protanopia

39, 24.950, 96.180

Deuteranopia

39, 25.005, 78.589



Tritanopia
39, 7.320, 344.710

Trichromacy



Original Color
39, 25.187, 100.687

Protanomaly
39, 24.861, 97.283

Deuteranomaly
39, 24.462, 86.687

Tritanomaly
39, 8.349, 72.888

Monochromacy



Original Color
39, 25.187, 100.687

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 9.190, 103.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.187, 100.687 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(98, 93, 51)` looks like.

```
.text, #text, p{  
    color:rgb(98, 93, 51)  
}
```

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(98, 93, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 93, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.187, 100.687 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(98, 93, 51) }
```

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

```
.border{ border-color:rgb(98, 93, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 93, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 93, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 93, 51);  
box-shadow:4px 4px 4px 4px rgb(98, 93, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.187, 100.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 93, 51) }
```

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

```
.background{ background-color: rgb(98, 93,  
51) }
```

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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