

Converting Colors

CIELCh(33, 39.151, 343.633)

Have a look what the booklet for
CIELCh(33, 39.151, 343.633)
contains.

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Color

CIELCh(33, 39.151, 343.633)

Conversions

Conversions Part 1

Format	Color
Hex	7D3360
RGB	125, 51, 96
RGB Percent	49%, 20%, 38%
CMY	0.5106, 0.8007, 0.6242
CMYK	0.00, 0.59, 0.23, 0.51
HSL	324°, 42%, 34%
HSV	324°, 59%, 49%
XYZ	11.7066, 7.5373, 11.8600
YIQ	78.2560, 29.6590, 29.6830

Conversions

Conversions Part 2

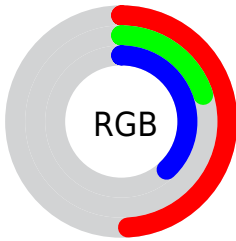
Format	Color
R_{YB}	125, 51, 96
Decimal	8205152
CIE Lab	33.00, 37.56, -11.03
CIE LCh	33, 39.151, 343.633
Yxy	7.5373, 0.3764, 0.2423
Android (android.graphics.Color)	4286395232 (0xFF7D3360)
YUV	78.2560, 8.7478, 40.9945
Hunter-Lab	27.4541, 28.0686, -6.3951

Details

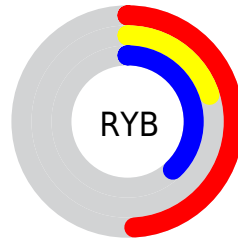
The CIELCh color **33, 39.151, 343.633** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47, 38.364, 152.288**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 39.505, 343.408**, and **14, 37.803, 343.746** is the 20% darker color. If you saturate the color by 10%, you get **31, 44.189, 345.000**, and if you desaturate by 10%, it is **36, 33.240, 342.462**.

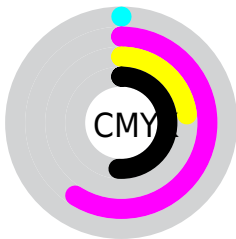
Distribution



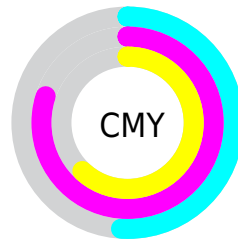
- Red (49%)
- Green (20%)
- Blue (38%)



- Red (49%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (23%)
- Black (51%)





- Cyan (51%)
- Magenta (80%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 39.151, 343.633 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 33, 39.151, 343.633 by changing the saturation by 10% instead.


 33, 39.151,
343.633


 33, 39.151,
343.633


 100, 39.151,
343.633


 23, 39.151,
343.633

 53, 39.151,
343.633


 13, 39.151,
343.633


 63, 39.151,
343.633

 3, 39.151, 343.633

 73, 39.151,
343.633

 0, 39.151, 343.633

 83, 39.151,
343.633

 93, 39.151,
343.633

■ 33, 39.151,
343.633

■ 33, 39.151,
343.633

■ 31, 44.189,
345.000

■ 36, 33.240,
342.462

■ 29, 48.044,
346.634

■ 39, 26.771,
341.432

■ 27, 50.476,
348.633

■ 42, 20.000,
340.508

■ 26, 51.880,
350.939

■ 45, 13.121,
339.664

■ 26, 51.987,
351.103

■ 49, 6.267, 338.872

■ 53, 0.475, 158.750

■ 56, 7.054, 157.575

■ 60, 13.445,
156.938

■ 64, 19.637,
156.353

Harmonies

Complementary

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



33, 39.151, 343.633



47, 38.364, 152.288

Rectangle

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



33, 39.151, 343.633



33, 39.151, 33.633



33, 39.151, 163.633



33, 39.151, 213.633

Sweetspot

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



33, 39.149, 343.634



59, 15.247, 339.595



28, 48.060, 308.553



29, 10.556, 339.794



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



33, 39.149, 343.634



40, 55.520, 345.529



32, 34.697, 18.221



24, 3.742, 338.854



26, 52.031, 351.107



55, 86.756, 352.835

Inverse Universe

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



33, 39.149, 343.634



40, 55.520, 345.529



48, 25.162, 184.979



24, 3.742, 338.854



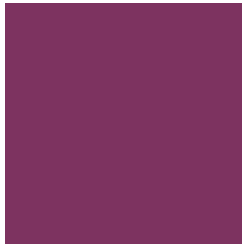
26, 52.031, 351.107



55, 86.756, 352.835

Previews

White Background



This preview shows how the CIELCh color 33, 39.151, 343.633 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 33, 39.151, 343.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

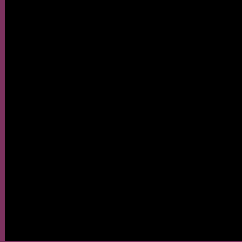
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 39.151, 343.633

Background



This preview shows how black text looks on a background with the CIELCh color 33, 39.151, 343.633.



This preview shows how white text looks on a background with the CIELCh color 33, 39.151, 343.633.

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

33, 39.151, 343.633

Protanopia

33, 24.040, 285.260

Deuteranopia

34, 9.547, 299.114



Tritanopia
33, 29.657, 20.394

Trichromacy



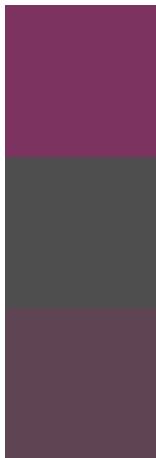
Original Color
33, 39.151, 343.633

Protanomaly
32, 27.111, 310.448

Deuteranomaly
32, 20.261, 329.013

Tritanomaly
33, 31.359, 4.363

Monochromacy



Original Color
33, 39.151, 343.633

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 15.344, 341.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 39.151, 343.633 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(125, 51, 96)` looks like.

```
.text, #text, p{  
    color:rgb(125, 51, 96)  
}
```

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(125, 51, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 51, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 39.151, 343.633 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(125, 51, 96) }
```

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

```
.border{ border-color:rgb(125, 51, 96) }
```

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

Here you see how a box with a 4 pixel rgb(125, 51, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 51, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 51, 96);  
box-shadow:4px 4px 4px 4px rgb(125, 51,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 39.151, 343.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 51, 96) }
```

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

```
.background{ background-color: rgb(125, 51,  
96) }
```

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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