

Converting Colors

CIELCh(33, 37.022, 340.995)

Have a look what the booklet for
CIELCh(33, 37.022, 340.995)
contains.

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Color

CIELCh(33, 36.757, 341.355)

Conversions

Conversions Part 1

Format	Color
Hex	793661
RGB	121, 54, 97
RGB Percent	47%, 21%, 38%
CMY	0.5261, 0.7888, 0.6202
CMYK	0.00, 0.55, 0.20, 0.53
HSL	321°, 38%, 34%
HSV	321°, 55%, 47%
XYZ	11.3245, 7.5373, 12.1299
YIQ	78.9350, 26.1290, 27.5770

Conversions

Conversions Part 2

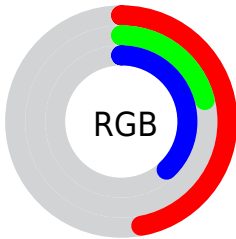
Format	Color
R_{YB}	121, 54, 97
Decimal	7943777
CIE _{Lab}	33.00, 34.83, -11.75
CIE _{LCh}	33, 36.757, 341.355
Yxy	7.5373, 0.3654, 0.2432
Android (android.graphics.Color)	4286133857 (0xFF793661)
YUV	78.9350, 8.9060, 36.8910
Hunter-Lab	27.4541, 25.5844, -6.9779

Details

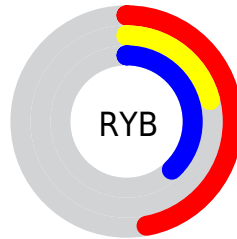
The CIELCh color **33, 36.757, 341.355** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46, 36.190, 151.436**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 36.655, 341.098**, and **13, 36.923, 341.123** is the 20% darker color. If you saturate the color by 10%, you get **31, 42.121, 342.518**, and if you desaturate by 10%, it is **36, 30.647, 340.334**.

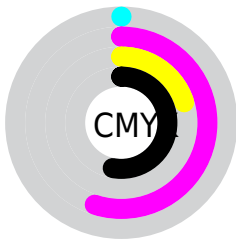
Distribution



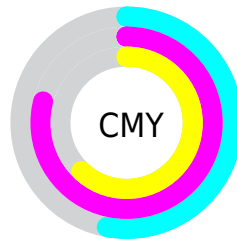
- Red (47%)
- Green (21%)
- Blue (38%)



- Red (47%)
- Yellow (21%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (53%)





- Cyan (53%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 36.757, 341.355 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, 36.757, 341.355 by changing the saturation by 10% instead.


 33, 36.757,
341.355


 33, 36.757,
341.355

 100, 36.757,
341.355


 23, 36.757,
341.355

 53, 36.757,
341.355


 13, 36.757,
341.355


 63, 36.757,
341.355

 3, 36.757, 341.355

 73, 36.757,
341.355

 0, 36.757, 341.355

 83, 36.757,
341.355

 93, 36.757,
341.355

■ 33, 36.757,
341.355

■ 33, 36.757,
341.355

■ 31, 42.121,
342.518

■ 36, 30.647,
340.334

■ 29, 46.432,
343.876

■ 39, 24.084,
339.416

■ 27, 49.414,
345.501

■ 42, 17.293,
338.577

■ 26, 51.039,
347.448

■ 45, 10.444,
337.797

■ 26, 51.705,
348.352

■ 49, 3.648, 337.037

■ 52, 3.021, 156.518

■ 56, 9.523, 155.836

■ 60, 15.838,
155.238

■ 63, 21.958,
154.682

Harmonies

Complementary

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



33, 36.757, 341.355



46, 36.190, 151.436

Rectangle

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



33, 36.757, 341.355



33, 36.757, 31.355



33, 36.757, 161.355



33, 36.757, 211.355

Sweetspot

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



33, 36.755, 341.356



58, 14.352, 337.949



28, 43.624, 307.308



29, 9.556, 338.066



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



33, 36.755, 341.356



40, 53.062, 342.935



32, 31.309, 14.713



24, 3.833, 337.320



27, 52.928, 348.447



55, 88.207, 349.952

Inverse Universe

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



33, 36.755, 341.356



40, 53.062, 342.935



46, 23.893, 182.270



24, 3.833, 337.320



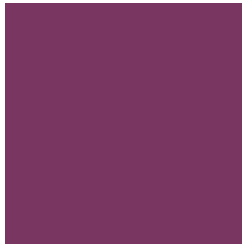
27, 52.928, 348.447



55, 88.207, 349.952

Previews

White Background



This preview shows how the CIELCh color 33, 36.757, 341.355 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 CIELCh color 33, 36.757, 341.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

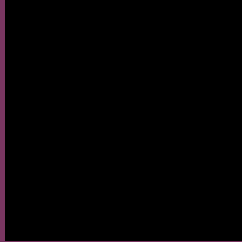
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 36.757, 341.355

Background



This preview shows how black text looks on a background with the CIELCh color 33, 36.757, 341.355.



This preview shows how white text looks on a background with the CIELCh color 33, 36.757, 341.355.

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, 36.757, 341.355

Protanopia

33, 23.429, 284.874

Deuteranopia

33, 10.126, 296.461



Tritanopia
33, 26.750, 19.197

Trichromacy



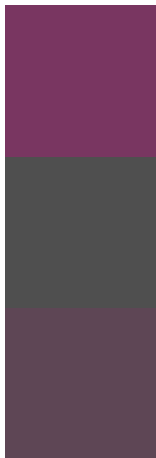
Original Color
33, 36.757, 341.355

Protanomaly
33, 25.566, 308.648

Deuteranomaly
33, 18.817, 325.780

Tritanomaly
33, 28.915, 1.616

Monochromacy



Original Color
33, 36.757, 341.355

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 13.953, 339.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 36.757, 341.355 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(121, 54, 97)` looks like.

```
.text, #text, p{  
    color:rgb(121, 54, 97)  
}
```

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(121, 54, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 54, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 36.757, 341.355 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(121, 54, 97) }
```

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

```
.border{ border-color:rgb(121, 54, 97) }
```

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

Here you see how a box with a 4 pixel rgb(121, 54, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 54, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 54, 97);  
box-shadow:4px 4px 4px 4px rgb(121, 54,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 36.757, 341.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 54, 97) }
```

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

```
.background{ background-color: rgb(121, 54,  
97) }
```

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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