

Converting Colors

CIELCh(33, 31.058, 340.051)

Have a look what the booklet for
CIELCh(33, 31.058, 340.051)
contains.

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Color

CIELCh(33, 31.172, 339.954)

Conversions

Conversions Part 1

Format	Color
Hex	723B5F
RGB	114, 59, 95
RGB Percent	45%, 23%, 37%
CMY	0.5528, 0.7685, 0.6273
CMYK	0.00, 0.48, 0.17, 0.55
HSL	321°, 32%, 34%
HSV	321°, 48%, 45%
XYZ	10.5760, 7.5373, 11.7311
YIQ	79.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

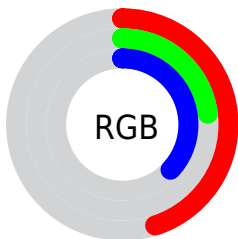
Format	Color
R_{YB}	114, 59, 95
Decimal	7486303
CIE _{Lab}	33.00, 29.28, -10.68
CIE _{LCh}	33, 31.172, 339.954
Yxy	7.5373, 0.3544, 0.2526
Android (android.graphics.Color)	4285676383 (0xFF723B5F)
YUV	79.5490, 7.6173, 30.2135
Hunter-Lab	27.4541, 20.7180, -6.1167

Details

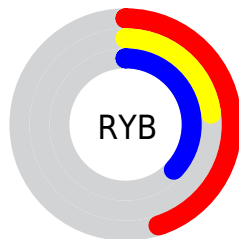
The CIELCh color **33, 31.172, 339.954** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 30.667, 151.879**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 30.975, 340.211**, and **13, 31.468, 339.702** is the 20% darker color. If you saturate the color by 10%, you get **30, 36.883, 340.968**, and if you desaturate by 10%, it is **36, 24.955, 339.043**.

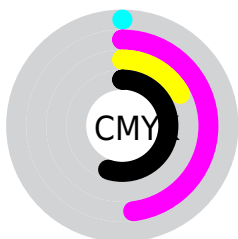
Distribution



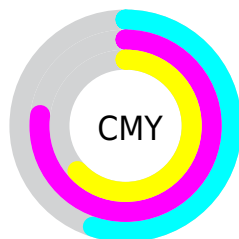
- Red (45%)
- Green (23%)
- Blue (37%)



- Red (45%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (55%)





- Cyan (55%)
- Magenta (77%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 31.172, 339.954 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, 31.172, 339.954 by changing the saturation by 10% instead.


 33, 31.172,
339.954


 33, 31.172,
339.954

 100, 31.172,
339.954


 23, 31.172,
339.954

 53, 31.172,
339.954


 13, 31.172,
339.954


 63, 31.172,
339.954

 3, 31.172, 339.954

 73, 31.172,
339.954

 0, 31.172, 339.954

 83, 31.172,
339.954

 93, 31.172,
339.954

■ 33, 31.172,
339.954

■ 33, 31.172,
339.954

■ 30, 36.883,
340.968

■ 36, 24.955,
339.043

■ 28, 41.813,
342.121

■ 39, 18.470,
338.210

■ 26, 45.667,
343.467

■ 42, 11.887,
337.435

■ 25, 48.206,
345.076

■ 45, 5.329, 336.697

■ 49, 1.127, 156.280

■ 24, 49.733,
346.915

■ 52, 7.434, 155.477

■ 24, 50.014,
347.234

■ 56, 13.567,
154.873

■ 59, 19.517,
154.314

■ 62, 25.282,
153.790

Harmonies

Complementary

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



33, 31.172, 339.954



44, 30.667, 151.879

Rectangle

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



33, 31.172, 339.954



33, 31.172, 29.954



33, 31.172, 159.954



33, 31.172, 209.954

Sweetspot

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



33, 31.170, 339.955



56, 11.269, 337.147



29, 35.897, 306.224



27, 7.739, 337.272



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



33, 31.170, 339.955



40, 45.308, 341.105



32, 25.728, 11.845



22, 3.595, 336.752



25, 51.770, 347.372



54, 87.471, 348.877

Inverse Universe

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



33, 31.170, 339.955



40, 45.308, 341.105



44, 20.656, 181.565



22, 3.595, 336.752



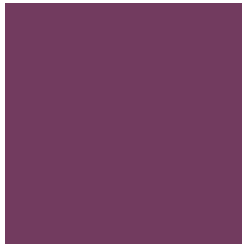
25, 51.770, 347.372



54, 87.471, 348.877

Previews

White Background



This preview shows how the CIELCh color 33, 31.172, 339.954 looks on a white background.

Color Contrast Check

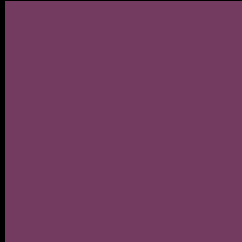
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.172, 339.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

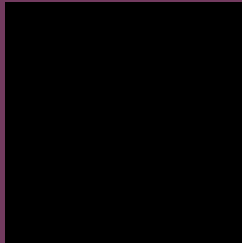
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 31.172, 339.954

Background



This preview shows how black text looks on a background with the CIELCh color 33, 31.172, 339.954.



This preview shows how white text looks on a background with the CIELCh color 33, 31.172, 339.954.

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, 31.172, 339.954

Protanopia

33, 19.626, 285.099

Deuteranopia

33, 10.193, 298.745



Tritanopia
33, 21.888, 15.340

Trichromacy



Original Color
33, 31.172, 339.954

Protanomaly
32, 21.758, 309.023

Deuteranomaly
33, 17.134, 324.455

Tritanomaly
33, 24.003, 359.774

Monochromacy



Original Color
33, 31.172, 339.954

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 11.856, 337.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 31.172, 339.954 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(114, 59, 95)` looks like.

```
.text, #text, p{  
    color:rgb(114, 59, 95)  
}
```

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(114, 59, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 59, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 31.172, 339.954 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(114, 59, 95) }
```

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

```
.border{ border-color:rgb(114, 59, 95) }
```

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

Here you see how a box with a 4 pixel rgb(114, 59, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 59, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 59, 95);  
box-shadow:4px 4px 4px 4px rgb(114, 59,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 31.172, 339.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 59, 95) }
```

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

```
.background{ background-color: rgb(114, 59,  
95) }
```

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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