

Converting Colors

CIELCh(33, 27.678, 340.168)

Have a look what the booklet for
CIELCh(33, 27.678, 340.168)
contains.

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Color

CIELCh(33, 27.384, 339.928)

Conversions

Conversions Part 1

Format	Color
Hex	6E3E5D
RGB	110, 62, 93
RGB Percent	43%, 24%, 36%
CMY	0.5689, 0.7571, 0.6356
CMYK	0.00, 0.44, 0.15, 0.57
HSL	321°, 28%, 34%
HSV	321°, 44%, 43%
XYZ	10.1129, 7.5373, 11.2617
YIQ	79.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

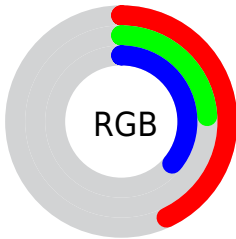
Format	Color
R_{YB}	110, 62, 93
Decimal	7224925
CIE Lab	33.00, 25.72, -9.40
CIE LCh	33, 27.384, 339.928
Yxy	7.5373, 0.3498, 0.2607
Android (android.graphics.Color)	4285415005 (0xFF6E3E5D)
YUV	79.8860, 6.4652, 26.4100
Hunter-Lab	27.4541, 17.7070, -5.1029

Details

The CIELCh color **33, 27.384, 339.928** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42, 26.892, 152.789**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 27.237, 340.461**, and **13, 27.583, 340.184** is the 20% darker color. If you saturate the color by 10%, you get **30, 33.163, 340.905**, and if you desaturate by 10%, it is **36, 21.234, 339.046**.

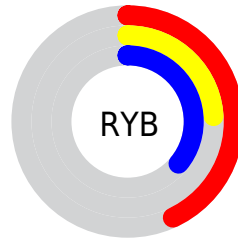
Distribution



Red (43%)

Green (24%)

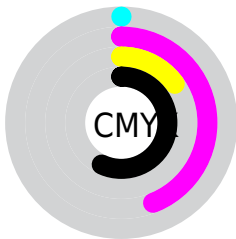
Blue (36%)



Red (43%)

Yellow (24%)

Blue (36%)

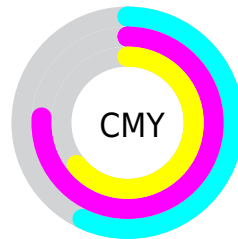


Cyan (0%)

Magenta (44%)

Yellow (15%)

Black (57%)



Cyan (57%)


Magenta (76%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 33, 27.384, 339.928 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, 27.384, 339.928 by changing the saturation by 10% instead.


 33, 27.384,
339.928


 33, 27.384,
339.928

 100, 27.384,
339.928


 23, 27.384,
339.928

 53, 27.384,
339.928


 13, 27.384,
339.928


 63, 27.384,
339.928

 3, 27.384, 339.928

 73, 27.384,
339.928

 0, 27.384, 339.928

 83, 27.384,
339.928

 93, 27.384,
339.928

■ 33, 27.384,
339.928

■ 33, 27.384,
339.928

■ 30, 33.163,
340.905

■ 36, 21.234,
339.046

■ 28, 38.326,
342.007

■ 39, 14.913,
338.234

■ 26, 42.591,
343.280

■ 42, 8.562, 337.475

■ 25, 45.691,
344.791

■ 45, 2.275, 336.705

■ 48, 3.888, 156.213

■ 24, 47.517,
346.602

■ 52, 9.894, 155.566

■ 23, 48.532,
347.774

■ 55, 15.726,
154.984

■ 59, 21.380,
154.440

■ 62, 26.859,

153.930

Harmonies

Complementary

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



33, 27.384, 339.928



42, 26.892, 152.789

Rectangle

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



33, 27.384, 339.928



33, 27.384, 29.928



33, 27.384, 159.928



33, 27.384, 209.928

Sweetspot

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



33, 27.382, 339.929



54, 10.099, 337.452



30, 31.380, 306.376



27, 7.026, 337.581



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



33, 27.382, 339.929



40, 39.852, 340.878



32, 22.423, 12.236



22, 3.573, 337.133



25, 51.522, 348.026



54, 87.056, 349.590

Inverse Universe

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



33, 27.382, 339.929



40, 39.852, 340.878



43, 18.251, 183.465



22, 3.573, 337.133



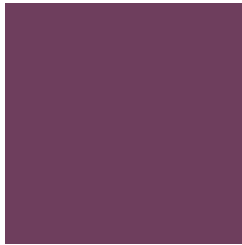
25, 51.522, 348.026



54, 87.056, 349.590

Previews

White Background



This preview shows how the CIE LCh color 33, 27.384, 339.928 looks on a white background.

Color Contrast Check

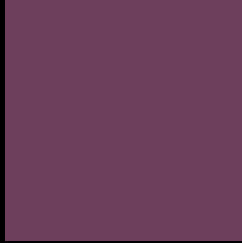
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.384, 339.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

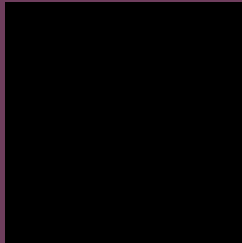
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 27.384, 339.928

Background



This preview shows how black text looks on a background with the CIELCh color 33, 27.384, 339.928.



This preview shows how white text looks on a background with the CIELCh color 33, 27.384, 339.928.

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, 27.384, 339.928

Protanopia

33, 17.080, 285.627

Deuteranopia

33, 9.012, 302.165



Tritanopia
33, 19.487, 13.795

Trichromacy



Original Color
33, 27.384, 339.928

Protanomaly
33, 18.490, 309.126

Deuteranomaly
33, 15.138, 325.542

Tritanomaly
33, 21.164, 359.209

Monochromacy



Original Color
33, 27.384, 339.928

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 10.805, 336.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 27.384, 339.928 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(110, 62, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 62, 93)  
}
```

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(110, 62, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 62, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 27.384, 339.928 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(110, 62, 93) }
```

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

```
.border{ border-color:rgb(110, 62, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 62, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 62, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 62, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 62,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 27.384, 339.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 62, 93) }
```

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

```
.background{ background-color: rgb(110, 62,  
93) }
```

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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