

Converting Colors

CIELCh(27, 33.168, 330.853)

Have a look what the booklet for
CIELCh(27, 33.168, 330.853)
contains.

CIELCh(27, 33.137, 330.826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(27, 33.137, 330.826)

Conversions

Conversions Part 1

Format	Color
Hex	5F2E59
RGB	95, 46, 89
RGB Percent	37%, 18%, 35%
CMY	0.6279, 0.8200, 0.6514
CMYK	0.00, 0.52, 0.06, 0.63
HSL	307°, 35%, 28%
HSV	307°, 52%, 37%
XYZ	7.4810, 5.0937, 10.0185
YIQ	65.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

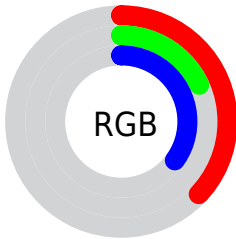
Format	Color
R_{YB}	95, 46, 89
Decimal	6237785
CIE _{Lab}	27.00, 28.93, -16.15
CIE _{LCh}	27, 33.137, 330.826
Yxy	5.0937, 0.3311, 0.2255
Android (android.graphics.Color)	4284427865 (0xFF5F2E59)
YUV	65.5530, 11.5594, 25.8250
Hunter-Lab	22.5692, 19.6717, -10.5206

Details

The CIELCh color **27, 33.137, 330.826** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36, 33.282, 143.896**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 33.094, 331.025**, and **7, 33.180, 331.213** is the 20% darker color. If you saturate the color by 10%, you get **25, 38.608, 331.376**, and if you desaturate by 10%, it is **29, 27.104, 330.267**.

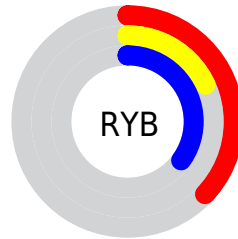
Distribution



 Red (37%)

 Green (18%)

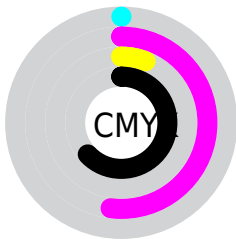
 Blue (35%)



 Red (37%)

 Yellow (18%)

 Blue (35%)

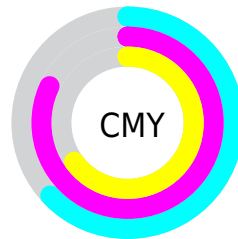


 Cyan (0%)

 Magenta (52%)

 Yellow (6%)

 Black (63%)



 Cyan (63%)


 Magenta (82%)


 Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 33.137, 330.826 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 27, 33.137, 330.826 by changing the saturation by 10% instead.

 27, 33.137,
330.826


 27, 33.137,
330.826

 100, 33.137,
330.826


 17, 33.137,
330.826


 47, 33.137,
330.826


 7, 33.137, 330.826

 57, 33.137,
330.826

 0, 33.137, 330.826

 67, 33.137,
330.826

 77, 33.137,
330.826

 87, 33.137,
330.826

 97, 33.137,

330.826

■ 27, 33.137,
330.826

■ 27, 33.137,
330.826

■ 25, 38.608,
331.376

■ 29, 27.104,
330.267

■ 23, 43.282,
331.914

■ 32, 20.729,
329.703

■ 22, 46.924,
332.442

■ 34, 14.183,
329.137

■ 21, 49.402,
332.970

■ 37, 7.595, 328.572

■ 20, 51.243,
333.398

■ 40, 1.057, 327.892

■ 43, 5.372, 147.553

■ 46, 11.656,
147.027

■ 48, 17.775,
146.534

■ 51, 23.720,
146.066

Harmonies

Complementary

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



27, 33.137, 330.826



36, 33.282, 143.896

Rectangle

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



27, 33.137, 330.826



27, 33.137, 20.826



27, 33.137, 150.826



27, 33.137, 200.826

Sweetspot

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



27, 33.136, 330.826



46, 12.108, 328.788



22, 32.916, 300.159



22, 8.188, 328.865



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



27, 33.136, 330.826



33, 47.565, 331.496



26, 24.738, 356.325



18, 3.723, 328.416



25, 57.553, 333.517



55, 100.037, 333.896

Inverse Universe

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



27, 33.136, 330.826



33, 47.565, 331.496



36, 22.391, 165.273



18, 3.723, 328.416



25, 57.553, 333.517



55, 100.037, 333.896

Previews

White Background



This preview shows how the CIELCh color 27, 33.137, 330.826 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 27, 33.137, 330.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

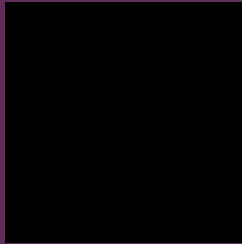
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 33.137, 330.826

Background



This preview shows how black text looks on a background with the CIELCh color 27, 33.137, 330.826.



This preview shows how white text looks on a background with the CIELCh color 27, 33.137, 330.826.

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

27, 33.137, 330.826

Protanopia

27, 26.155, 285.141

Deuteranopia

27, 15.005, 287.227



Tritanopia
27, 18.259, 15.163

Trichromacy



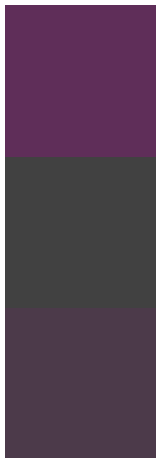
Original Color
27, 33.137, 330.826

Protanomaly
27, 27.032, 302.059

Deuteranomaly
27, 20.545, 310.618

Tritanomaly
27, 22.056, 350.844

Monochromacy



Original Color
27, 33.137, 330.826

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 13.028, 328.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 33.137, 330.826 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(95, 46, 89)` looks like.

```
.text, #text, p{  
    color:rgb(95, 46, 89)  
}
```

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(95, 46, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 46, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 33.137, 330.826 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(95, 46, 89) }
```

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

```
.border{ border-color:rgb(95, 46, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 46, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 46, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 46, 89);  
box-shadow:4px 4px 4px 4px rgb(95, 46, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 33.137, 330.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 46, 89) }
```

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

```
.background{ background-color: rgb(95, 46,  
89) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor