

Converting Colors

CIELCh(27, 29.469, 343.729)

Have a look what the booklet for
CIELCh(27, 29.469, 343.729)
contains.

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Color

CIELCh(27, 29.290, 344.054)

Conversions

Conversions Part 1

Format	Color
Hex	632E4D
RGB	99, 46, 77
RGB Percent	39%, 18%, 30%
CMY	0.6131, 0.8208, 0.6993
CMYK	0.00, 0.54, 0.22, 0.61
HSL	325°, 37%, 28%
HSV	325°, 54%, 39%
XYZ	7.4006, 5.0937, 7.5552
YIQ	65.3810, 21.6370, 20.8770

Conversions

Conversions Part 2

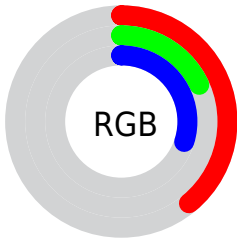
Format	Color
RYB	99, 46, 77
Decimal	6499917
CIELab	27.00, 28.16, -8.05
CIElCh	27, 29.290, 344.054
Yxy	5.0937, 0.3691, 0.2541
Android (android.graphics.Color)	4284689997 (0xFF632E4D)
YUV	65.3810, 5.7282, 29.4839
Hunter-Lab	22.5692, 19.0358, -4.0493

Details

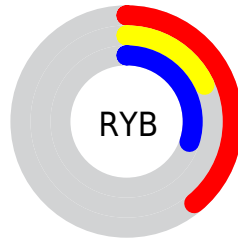
The CIELCh color $[27, 29.290, 344.054]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38, 28.446, 154.265]$, and the grayscale version is $[28, 0.004, 296.813]$.

A 20% lighter version of the original color is $[47, 29.210, 343.792]$, and $[7, 29.387, 343.872]$ is the 20% darker color. If you saturate the color by 10%, you get $[25, 33.937, 345.316]$, and if you desaturate by 10%, it is $[29, 24.133, 342.959]$.

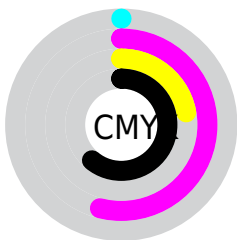
Distribution



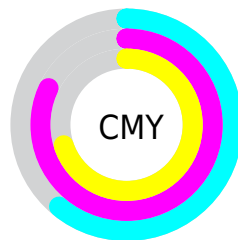
- Red (39%)
- Green (18%)
- Blue (30%)



- Red (39%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (61%)





- Cyan (61%)
- Magenta (82%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 29.290, 344.054 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, 29.290, 344.054 by changing the saturation by 10% instead.

 27, 29.290,
344.054

 27, 29.290,
344.054

 100, 29.290,
344.054

 17, 29.290,
344.054

 47, 29.290,
344.054


 7, 29.290, 344.054

 57, 29.290,
344.054

 0, 29.290, 344.054

 67, 29.290,
344.054

 77, 29.290,
344.054

 87, 29.290,
344.054

 97, 29.290,

344.054

■ 27, 29.290,
344.054

■ 27, 29.290,
344.054

■ 25, 33.937,
345.316

■ 29, 24.133,
342.959

■ 23, 37.831,
346.804

■ 32, 18.684,
341.986

■ 22, 40.736,
348.599

■ 35, 13.109,
341.107

■ 20, 42.598,
350.756

■ 38, 7.525, 340.296

■ 20, 43.745,
352.106

■ 41, 2.011, 339.479

■ 44, 3.383, 158.977

■ 47, 8.633, 158.302

■ 50, 13.724,
157.700

■ 53, 18.656,
157.141

Harmonies

Complementary

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



27, 29.290, 344.054



38, 28.446, 154.265

Rectangle

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



27, 29.290, 344.054



27, 29.290, 34.054



27, 29.290, 164.054



27, 29.290, 214.054

Sweetspot

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



27, 29.288, 344.055



48, 10.882, 340.516



24, 35.755, 308.572



23, 7.290, 340.622



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



27, 29.288, 344.055



32, 41.823, 345.616



26, 25.739, 17.832



18, 3.024, 339.917



23, 47.774, 352.615



52, 82.645, 354.787

Inverse Universe

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



27, 29.288, 344.055



32, 41.823, 345.616



38, 19.208, 187.176



18, 3.024, 339.917



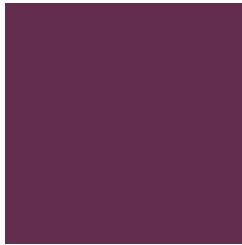
23, 47.774, 352.615



52, 82.645, 354.787

Previews

White Background



This preview shows how the CIE LCh color 27, 29.290, 344.054 looks on a white background.

Color Contrast Check

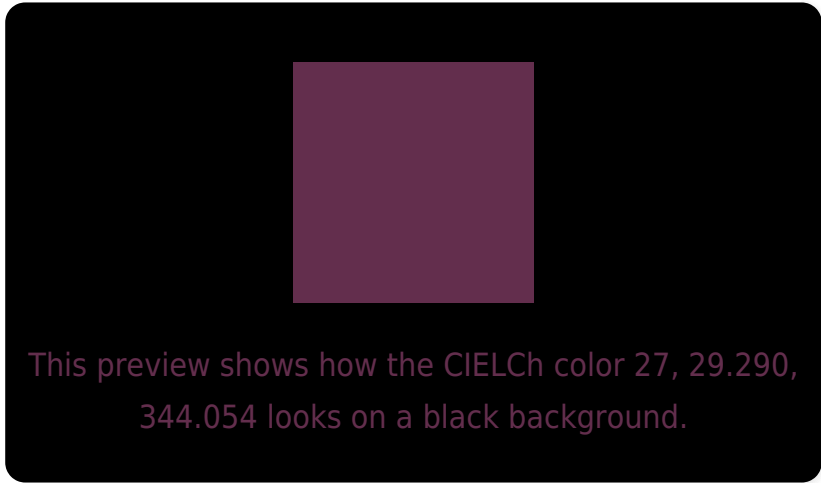
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

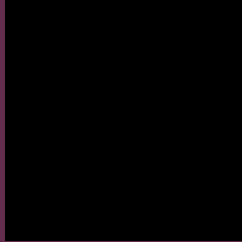
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 29.290, 344.054

Background



This preview shows how black text looks on a background with the CIELCh color 27, 29.290, 344.054.



This preview shows how white text looks on a background with the CIELCh color 27, 29.290, 344.054.

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, 29.290, 344.054

Protanopia

27, 16.358, 284.127

Deuteranopia

27, 7.297, 301.624



Tritanopia
27, 22.267, 19.205

Trichromacy



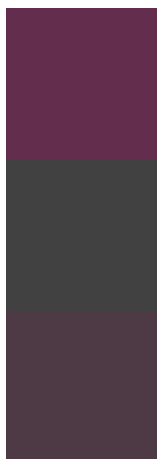
Original Color
27, 29.290, 344.054

Protanomaly
27, 19.330, 311.714

Deuteranomaly
27, 14.807, 330.071

Tritanomaly
27, 23.789, 4.570

Monochromacy



Original Color
27, 29.290, 344.054

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 11.076, 341.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 29.290, 344.054 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(99, 46, 77)` looks like.

```
.text, #text, p{  
    color:rgb(99, 46, 77)  
}
```

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(99, 46, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 46, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 29.290, 344.054 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(99, 46, 77) }
```

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

```
.border{ border-color:rgb(99, 46, 77) }
```

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

Here you see how a box with a 4 pixel rgb(99, 46, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 46, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 46, 77);  
box-shadow:4px 4px 4px 4px rgb(99, 46, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 29.290, 344.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 46, 77) }
```

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

```
.background{ background-color: rgb(99, 46,  
77) }
```

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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