

Converting Colors

CIELCh(29, 39.252, 316.936)

Have a look what the booklet for
CIELCh(29, 39.252, 316.936)
contains.

CIELCh(29, 39.307, 316.950)	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(29, 39.307, 316.950)

Conversions

Conversions Part 1

Format	Color
Hex	5B346E
RGB	91, 52, 110
RGB Percent	36%, 20%, 43%
CMY	0.6423, 0.7953, 0.5678
CMYK	0.17, 0.53, 0.00, 0.57
HSL	280°, 36%, 32%
HSV	280°, 53%, 43%
XYZ	8.3971, 5.8380, 15.4954
YIQ	70.2730, 4.6260, 26.3060

Conversions

Conversions Part 2

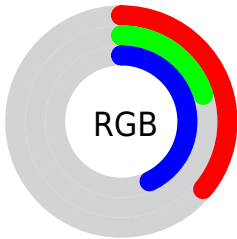
Format	Color
R_{YB}	91, 52, 110
Decimal	5977198
CIE _{Lab}	29.00, 28.72, -26.83
CIE _{LCh}	29, 39.307, 316.950
Yxy	5.8380, 0.2824, 0.1964
Android (android.graphics.Color)	4284167278 (0xFF5B346E)
YUV	70.2730, 19.5854, 18.1776
Hunter-Lab	24.1619, 19.7512, -21.1102

Details

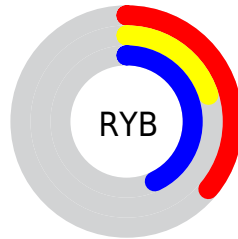
The CIELCh color **29, 39.307, 316.950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42, 37.733, 132.398**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 39.387, 317.135**, and **9, 39.579, 317.134** is the 20% darker color. If you saturate the color by 10%, you get **26, 46.327, 317.240**, and if you desaturate by 10%, it is **32, 31.906, 316.585**.

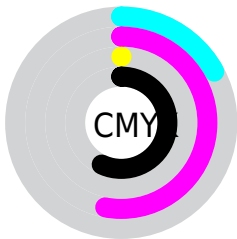
Distribution



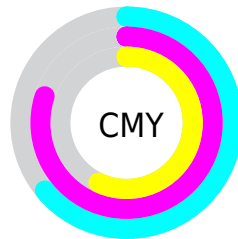
- Red (36%)
- Green (20%)
- Blue (43%)



- Red (36%)
- Yellow (20%)
- Blue (43%)



- Cyan (17%)
- Magenta (53%)
- Yellow (0%)
- Black (57%)





- Cyan (64%)
- Magenta (80%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 39.307, 316.950 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 29, 39.307, 316.950 by changing the saturation by 10% instead.

 29, 39.307,
316.950


 29, 39.307,
316.950

 100, 39.307,
316.950


 19, 39.307,
316.950


 49, 39.307,
316.950


 9, 39.307, 316.950

 59, 39.307,
316.950

 0, 39.307, 316.950

 69, 39.307,
316.950

 79, 39.307,
316.950

 89, 39.307,
316.950

 99, 39.307,

316.950

■ 29, 39.307,
316.950

■ 29, 39.307,
316.950

■ 26, 46.327,
317.240

■ 32, 31.906,
316.585

■ 24, 52.676,
317.407

■ 35, 24.344,
316.181

■ 21, 57.998,
317.395

■ 39, 16.769,
315.762

■ 20, 61.970,
317.147

■ 42, 9.275, 315.344

■ 18, 64.691,
316.969

■ 46, 1.921, 314.901

■ 49, 5.261, 134.606

■ 53, 12.256,
134.247

■ 56, 19.057,
133.924

■ 60, 25.665,
133.632

Harmonies

Complementary

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



29, 39.307, 316.950



42, 37.733, 132.398

Rectangle

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



29, 39.307, 316.950



29, 39.307, 6.950



29, 39.307, 136.950



29, 39.307, 186.950

Sweetspot

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



29, 39.306, 316.950



52, 14.573, 315.501



30, 25.132, 280.232



26, 9.784, 315.563



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



29, 39.306, 316.950



34, 57.446, 317.286



31, 36.953, 332.552



22, 4.172, 315.193



20, 68.715, 316.881



45, 117.762, 316.329

Inverse Universe

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



30, 27.989, 0.629



36, 40.913, 3.220



42, 37.102, 145.014



22, 2.904, 354.817



24, 49.117, 16.260



52, 85.088, 19.718

Previews

White Background



This preview shows how the CIE LCh color 29, 39.307, 316.950 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 29, 39.307, 316.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

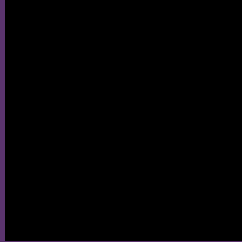
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 39.307, 316.950

Background



This preview shows how black text looks on a background with the CIELCh color 29, 39.307, 316.950.



This preview shows how white text looks on a background with the CIELCh color 29, 39.307, 316.950.

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

29, 39.307, 316.950

Protanopia

29, 36.786, 285.765

Deuteranopia

29, 24.888, 279.709



Tritanopia
29, 10.503, 3.688

Trichromacy



Original Color
29, 39.307, 316.950

Protanomaly
29, 36.656, 295.244

Deuteranomaly
29, 29.029, 296.081

Tritanomaly
29, 19.359, 330.397

Monochromacy



Original Color
29, 39.307, 316.950

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 14.764, 315.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 39.307, 316.950 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(91, 52, 110)` looks like.

```
.text, #text, p{  
    color:rgb(91, 52, 110)  
}
```

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(91, 52, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 52, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 39.307, 316.950 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(91, 52, 110) }
```

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

```
.border{ border-color:rgb(91, 52, 110) }
```

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

Here you see how a box with a 4 pixel rgb(91, 52, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 52, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 52, 110);  
box-shadow:4px 4px 4px 4px rgb(91, 52,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 39.307, 316.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 52, 110) }
```

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

```
.background{ background-color: rgb(91, 52,  
110) }
```

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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