

Converting Colors

CIELCh(29, 39.016, 336.225)

Have a look what the booklet for
CIELCh(29, 39.016, 336.225)
contains.

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Color

CIELCh(29, 38.672, 336.308)

Conversions

Conversions Part 1

Format	Color
Hex	6D2C5D
RGB	109, 44, 93
RGB Percent	43%, 17%, 36%
CMY	0.5727, 0.8276, 0.6354
CMYK	0.00, 0.60, 0.15, 0.57
HSL	315°, 42%, 30%
HSV	315°, 60%, 43%
XYZ	9.1767, 5.8380, 10.9919
YIQ	69.0210, 23.0110, 29.0190

Conversions

Conversions Part 2

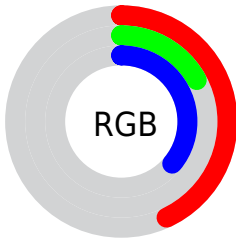
Format	Color
R_{YB}	109, 44, 93
Decimal	7154781
CIE _{Lab}	29.00, 35.41, -15.54
CIE _{LCh}	29, 38.672, 336.308
Yxy	5.8380, 0.3529, 0.2245
Android (android.graphics.Color)	4285344861 (0xFF6D2C5D)
YUV	69.0210, 11.8216, 35.0616
Hunter-Lab	24.1619, 25.5106, -10.0593

Details

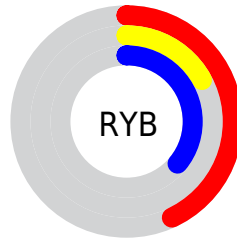
The CIELCh color **29, 38.672, 336.308** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41, 38.833, 146.753**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 38.635, 336.355**, and **10, 35.478, 336.777** is the 20% darker color. If you saturate the color by 10%, you get **27, 43.579, 337.158**, and if you desaturate by 10%, it is **31, 32.927, 335.522**.

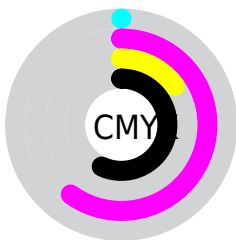
Distribution



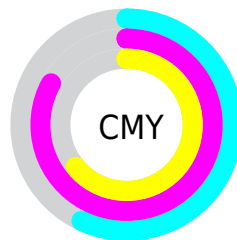
- Red (43%)
- Green (17%)
- Blue (36%)



- Red (43%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (15%)
- Black (57%)





- Cyan (57%)
- Magenta (83%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 38.672, 336.308 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, 38.672, 336.308 by changing the saturation by 10% instead.

 29, 38.672,
336.308


 29, 38.672,
336.308

 100, 38.672,
336.308


 19, 38.672,
336.308

 49, 38.672,
336.308


 9, 38.672, 336.308

 59, 38.672,
336.308

 0, 38.672, 336.308

 69, 38.672,
336.308

 79, 38.672,
336.308

 89, 38.672,
336.308

 99, 38.672,

336.308

■ 29, 38.672,
336.308

■ 29, 38.672,
336.308

■ 27, 43.579,
337.158

■ 31, 32.927,
335.522

■ 25, 47.376,
338.096

■ 34, 26.626,
334.783

■ 24, 49.846,
339.162

■ 37, 20.003,
334.080

■ 23, 51.528,
340.302

■ 40, 13.239,
333.407

■ 23, 51.591,
340.341

■ 43, 6.466, 332.753

■ 46, 0.229, 153.078

■ 49, 6.791, 151.627

■ 53, 13.189,
151.061

■ 56, 19.407,
150.533

Harmonies

Complementary

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



29, 38.672, 336.308



41, 38.833, 146.753

Rectangle

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



29, 38.672, 336.308



29, 38.672, 26.308



29, 38.672, 156.308



29, 38.672, 206.308

Sweetspot

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



29, 38.670, 336.308



52, 15.135, 333.331



23, 43.190, 304.406



25, 10.452, 333.480



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, 38.670, 336.308



35, 55.122, 337.553



28, 30.955, 6.627



21, 3.711, 332.706



25, 54.294, 340.466



55, 92.514, 341.392

Inverse Universe

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



29, 38.670, 336.308



35, 55.122, 337.553



42, 25.559, 172.132



21, 3.711, 332.706



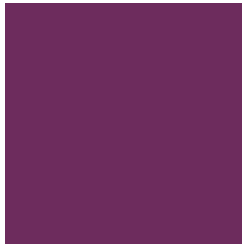
25, 54.294, 340.466



55, 92.514, 341.392

Previews

White Background



This preview shows how the CIE LCh color 29, 38.672, 336.308 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 CIE LCh color 29, 38.672, 336.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

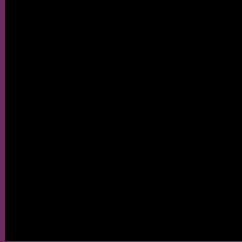
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 38.672, 336.308

Background



This preview shows how black text looks on a background with the CIELCh color 29, 38.672, 336.308.



This preview shows how white text looks on a background with the CIELCh color 29, 38.672, 336.308.

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, 38.672, 336.308

Protanopia

29, 28.413, 285.065

Deuteranopia

29, 13.525, 287.745



Tritanopia
29, 24.915, 18.804

Trichromacy



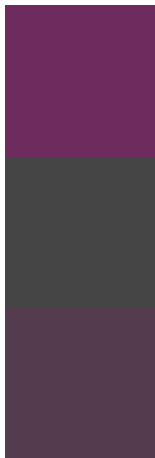
Original Color
29, 38.672, 336.308

Protanomaly
28, 30.221, 304.933

Deuteranomaly
28, 21.909, 317.400

Tritanomaly
29, 27.447, 358.492

Monochromacy



Original Color
29, 38.672, 336.308

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 15.511, 334.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 38.672, 336.308 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(109, 44, 93)` looks like.

```
.text, #text, p{  
    color:rgb(109, 44, 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(109, 44, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 44, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 38.672, 336.308 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(109, 44, 93) }
```

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

```
.border{ border-color:rgb(109, 44, 93) }
```

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

Here you see how a box with a 4 pixel rgb(109, 44, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 44, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 44, 93);  
box-shadow:4px 4px 4px 4px rgb(109, 44,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 38.672, 336.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 44, 93) }
```

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

```
.background{ background-color: rgb(109, 44,  
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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