

Converting Colors

CIELCh(29, 47.115, 324.537)

Have a look what the booklet for
CIELCh(29, 47.115, 324.537)
contains.

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Color

CIELCh(29, 47.304, 324.701)

Conversions

Conversions Part 1

Format	Color
Hex	692A6F
RGB	105, 42, 111
RGB Percent	41%, 16%, 44%
CMY	0.5874, 0.8345, 0.5639
CMYK	0.05, 0.62, 0.00, 0.56
HSL	295°, 45%, 30%
HSV	295°, 62%, 44%
XYZ	9.5654, 5.8380, 15.7200
YIQ	68.7030, 15.3990, 34.8150

Conversions

Conversions Part 2

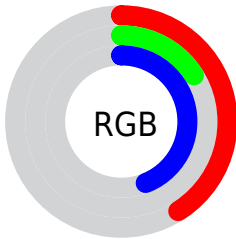
Format	Color
R_{YB}	105, 42, 111
Decimal	6892143
CIE Lab	29.00, 38.61, -27.33
CIE LCh	29, 47.304, 324.701
Yxy	5.8380, 0.3073, 0.1876
Android (android.graphics.Color)	4285082223 (0xFF692A6F)
YUV	68.7030, 20.8524, 31.8325
Hunter-Lab	24.1619, 28.3826, -21.6612

Details

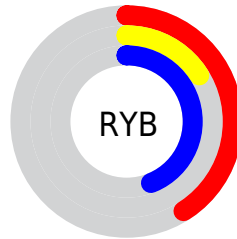
The CIELCh color **29, 47.304, 324.701** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42, 47.271, 137.775**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 47.031, 324.615**, and **10, 42.828, 323.914** is the 20% darker color. If you saturate the color by 10%, you get **27, 53.111, 324.932**, and if you desaturate by 10%, it is **31, 40.563, 324.381**.

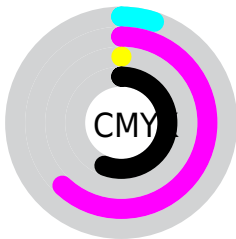
Distribution



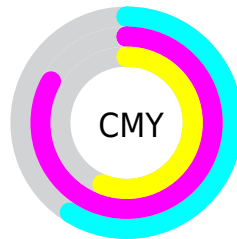
- Red (41%)
- Green (16%)
- Blue (44%)



- Red (41%)
- Yellow (16%)
- Blue (44%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (56%)





- Cyan (59%)
- Magenta (83%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 47.304, 324.701 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, 47.304, 324.701 by changing the saturation by 10% instead.

 29, 47.304,
324.701


 29, 47.304,
324.701

 100, 47.304,
324.701


 19, 47.304,
324.701


 49, 47.304,
324.701


 9, 47.304, 324.701

 59, 47.304,
324.701

 0, 47.304, 324.701

 69, 47.304,
324.701

 79, 47.304,
324.701

 89, 47.304,
324.701

 99, 47.304,

324.701

■ 29, 47.304,
324.701

■ 29, 47.304,
324.701

■ 27, 53.111,
324.932

■ 31, 40.563,
324.381

■ 25, 57.703,
325.050

■ 34, 33.184,
323.993

■ 24, 60.881,
325.039

■ 37, 25.422,
323.561

■ 24, 63.009,
325.001

■ 40, 17.481,
323.102

■ 43, 9.509, 322.627

■ 46, 1.610, 322.082

■ 50, 6.151, 141.747

■ 53, 13.732,
141.293

■ 56, 21.110,
140.870

Harmonies

Complementary

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



29, 47.304, 324.701



42, 47.271, 137.775

Rectangle

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



29, 47.304, 324.701



29, 47.304, 14.701



29, 47.304, 144.701



29, 47.304, 194.701

Sweetspot

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



29, 47.303, 324.701



53, 18.746, 322.983



23, 41.100, 295.637



26, 13.012, 323.089



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



29, 47.303, 324.701



35, 66.804, 324.993



29, 36.881, 344.359



22, 4.462, 322.480



26, 66.470, 324.975



55, 113.569, 324.794

Inverse Universe

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



28, 33.355, 20.968



33, 49.909, 25.229



42, 36.124, 152.353



22, 2.663, 12.827



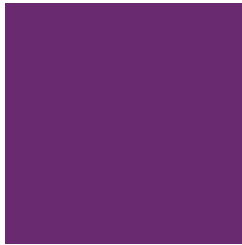
24, 55.716, 34.271



52, 98.541, 37.234

Previews

White Background



This preview shows how the CIE LCh color 29, 47.304, 324.701 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, 47.304, 324.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

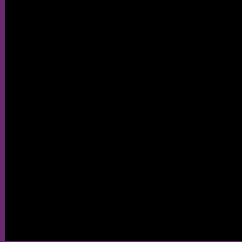
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 47.304, 324.701

Background



This preview shows how black text looks on a background with the CIELCh color 29, 47.304, 324.701.



This preview shows how white text looks on a background with the CIELCh color 29, 47.304, 324.701.

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, 47.304, 324.701

Protanopia

29, 43.744, 286.518

Deuteranopia

29, 24.831, 280.344



Tritanopia
29, 19.951, 16.107

Trichromacy



Original Color
29, 47.304, 324.701

Protanomaly
28, 43.813, 297.500

Deuteranomaly
28, 32.597, 302.545

Tritanomaly
29, 26.640, 345.373

Monochromacy



Original Color
29, 47.304, 324.701

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 18.769, 323.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 47.304, 324.701 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(105, 42, 111)` looks like.

```
.text, #text, p{  
    color:rgb(105, 42, 111)  
}
```

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(105, 42, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 42, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 47.304, 324.701 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(105, 42, 111) }
```

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

```
.border{ border-color:rgb(105, 42, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 42, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 42, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 42, 111);  
box-shadow:4px 4px 4px 4px rgb(105, 42,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 47.304, 324.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 42, 111) }
```

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

```
.background{ background-color: rgb(105, 42,  
111) }
```

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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