

Converting Colors

CIELCh(29, 48.229, 346.846)

Have a look what the booklet for
CIELCh(29, 48.229, 346.846)
contains.

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Color

CIELCh(29, 48.215, 347.203)

Conversions

Conversions Part 1

Format	Color
Hex	7E1A56
RGB	126, 26, 86
RGB Percent	49%, 10%, 34%
CMY	0.5061, 0.8983, 0.6629
CMYK	0.00, 0.79, 0.32, 0.51
HSL	324°, 66%, 30%
HSV	324°, 79%, 49%
XYZ	10.6411, 5.8380, 9.3594
YIQ	62.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

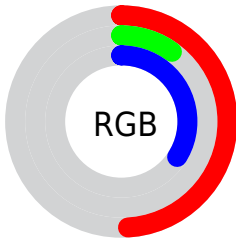
Format	Color
R_{YB}	126, 26, 86
Decimal	8264278
CIE _{Lab}	29.00, 47.02, -10.68
CIE _{LCh}	29, 48.215, 347.203
Yxy	5.8380, 0.4118, 0.2259
Android (android.graphics.Color)	4286454358 (0xFF7E1A56)
YUV	62.7400, 11.4672, 55.4790
Hunter-Lab	24.1619, 36.3295, -6.0532

Details

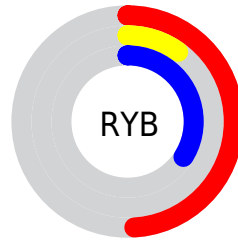
The CIELCh color **29, 48.215, 347.203** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46, 48.800, 149.361**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 48.357, 347.053**, and **13, 35.300, 351.846** is the 20% darker color. If you saturate the color by 10%, you get **28, 50.634, 349.271**, and if you desaturate by 10%, it is **31, 44.361, 345.518**.

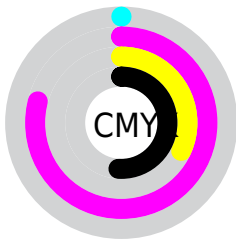
Distribution



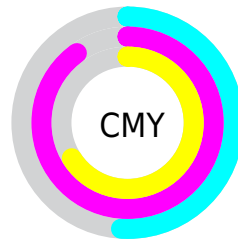
- Red (49%)
- Green (10%)
- Blue (34%)



- Red (49%)
- Yellow (10%)
- Blue (34%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 48.215, 347.203 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, 48.215, 347.203 by changing the saturation by 10% instead.

 29, 48.215,
347.203

 29, 48.215,
347.203


 100, 48.215,
347.203

 19, 48.215,
347.203

 49, 48.215,
347.203

 9, 48.215, 347.203

 59, 48.215,
347.203

 0, 48.215, 347.203

 69, 48.215,
347.203

 79, 48.215,
347.203

 89, 48.215,
347.203

 99, 48.215,

347.203

■ 29, 48.215,
347.203

■ 29, 48.215,
347.203

■ 28, 50.634,
349.271

■ 31, 44.361,
345.518

■ 27, 52.033,
351.658

■ 33, 39.317,
344.114

■ 27, 52.121,
351.798

■ 36, 33.398,
342.915

■ 39, 26.914,
341.864

■ 42, 20.127,
340.924

■ 46, 13.231,
340.068

■ 49, 6.363, 339.267

■ 53, 0.393, 159.261

■ 57, 6.984, 157.957

Harmonies

Complementary

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



29, 48.215, 347.203



46, 48.800, 149.361

Rectangle

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



29, 48.215, 347.203



29, 48.215, 37.203



29, 48.215, 167.203



29, 48.215, 217.203

Sweetspot

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



29, 48.213, 347.204



56, 20.281, 340.500



21, 64.105, 309.670



27, 13.875, 340.755



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



29, 48.213, 347.204



36, 62.204, 351.222



28, 46.881, 24.702



25, 3.850, 339.244



27, 52.573, 351.839



0, 0.000, 0.000

Inverse Universe

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



29, 48.213, 347.204



36, 62.204, 351.222



47, 30.280, 182.988



25, 3.850, 339.244



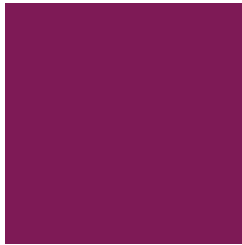
27, 52.573, 351.839



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 29, 48.215, 347.203 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, 48.215, 347.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

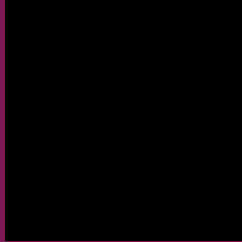
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 48.215, 347.203

Background



This preview shows how black text looks on a background with the CIELCh color 29, 48.215, 347.203.



This preview shows how white text looks on a background with the CIELCh color 29, 48.215, 347.203.

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, 48.215, 347.203

Protanopia

30, 30.271, 285.066

Deuteranopia

30, 8.548, 302.972



Tritanopia
29, 40.433, 26.325

Trichromacy



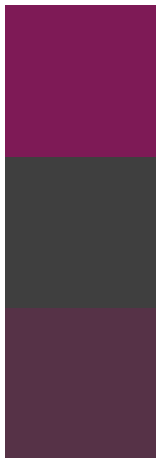
Original Color
29, 48.215, 347.203

Protanomaly
27, 34.836, 310.828

Deuteranomaly
28, 24.978, 334.295

Tritanomaly
29, 40.717, 9.961

Monochromacy



Original Color
29, 48.215, 347.203

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 20.654, 342.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 48.215, 347.203 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(126, 26, 86)` looks like.

```
.text, #text, p{  
  color:rgb(126, 26, 86)  
}
```

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(126, 26, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 26, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 48.215, 347.203 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(126, 26, 86) }
```

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

```
.border{ border-color:rgb(126, 26, 86) }
```

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

Here you see how a box with a 4 pixel rgb(126, 26, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 26, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 26, 86);  
box-shadow:4px 4px 4px 4px rgb(126, 26,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 48.215, 347.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 26, 86) }
```

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

```
.background{ background-color: rgb(126, 26,  
86) }
```

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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