

Converting Colors

CIELCh(29, 68.179, 327.590)

Have a look what the booklet for
CIELCh(29, 68.179, 327.590)
contains.

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Color

CIELCh(29, 68.212, 327.604)

Conversions

Conversions Part 1

Format	Color
Hex	7C027E
RGB	124, 2, 126
RGB Percent	49%, 1%, 49%
CMY	0.5136, 0.9920, 0.5058
CMYK	0.02, 0.98, 0.00, 0.51
HSL	299°, 97%, 25%
HSV	299°, 98%, 49%
XYZ	12.1049, 5.8380, 20.2345
YIQ	52.6140, 32.9080, 64.4280

Conversions

Conversions Part 2

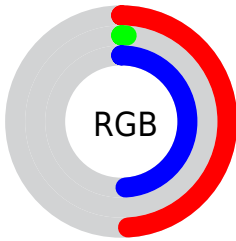
Format	Color
RYB	124, 2, 126
Decimal	8127102
CIELab	29.00, 57.60, -36.55
CIElCh	29, 68.212, 327.604
Yxy	5.8380, 0.3171, 0.1529
Android (android.graphics.Color)	4286317182 (0xFF7C027E)
YUV	52.6140, 36.1793, 62.6055
Hunter-Lab	24.1619, 47.1432, -32.7393

Details

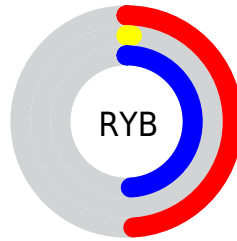
The CIELCh color $29, 68.212, 327.604$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $46, 70.483, 136.014$, and the grayscale version is $22, 0.004, 296.813$.

A 20% lighter version of the original color is $49, 68.036, 327.699$, and $15, 48.342, 325.434$ is the 20% darker color. If you saturate the color by 10%, you get $29, 68.597, 327.617$, and if you desaturate by 10%, it is $30, 65.780, 327.525$.

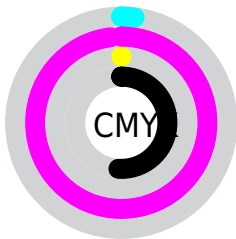
Distribution



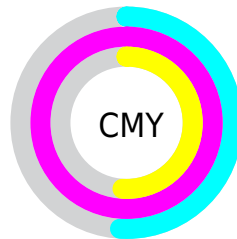
- Red (49%)
- Green (1%)
- Blue (49%)



- Red (49%)
- Yellow (1%)
- Blue (49%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)




- Cyan (51%)
- Magenta (99%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 68.212, 327.604 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, 68.212, 327.604 by changing the saturation by 10% instead.

 29, 68.212,
327.604

 29, 68.212,
327.604

 100, 68.212,
327.604

 19, 68.212,
327.604

 49, 68.212,
327.604


 9, 68.212, 327.604

 59, 68.212,
327.604

 0, 68.212, 327.604

 69, 68.212,
327.604

 79, 68.212,
327.604

 89, 68.212,
327.604

 99, 68.212,

327.604

■ 29, 68.212,
327.604

■ 29, 68.212,
327.604

■ 29, 68.597,
327.617

■ 30, 65.780,
327.525

■ 31, 62.070,
327.372

■ 33, 56.799,
327.126

■ 35, 50.189,
326.797

■ 37, 42.548,
326.398

■ 40, 34.199,
325.947

■ 43, 25.426,
325.459

■ 46, 16.458,
324.948

■ 50, 7.467, 324.420

Harmonies

Complementary

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



29, 68.212, 327.604



46, 70.483, 136.014

Rectangle

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



29, 68.212, 327.604



29, 68.212, 17.604



29, 68.212, 147.604



29, 68.212, 197.604

Sweetspot

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



29, 68.210, 327.604



55, 33.190, 325.575



13, 77.522, 305.749



26, 22.492, 325.744



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, 68.210, 327.604



38, 82.816, 327.602



26, 50.329, 358.487



25, 5.076, 324.460



29, 69.176, 327.616



0, 0.000, 0.000

Inverse Universe

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



25, 59.338, 37.307



34, 73.994, 39.127



46, 52.273, 149.437



25, 2.950, 18.568



25, 60.623, 37.714



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 29, 68.212, 327.604 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, 68.212, 327.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

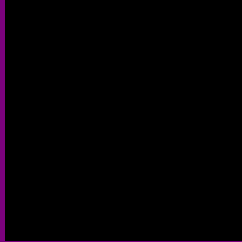
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 68.212, 327.604

Background



This preview shows how black text looks on a background with the CIELCh color 29, 68.212, 327.604.



This preview shows how white text looks on a background with the CIELCh color 29, 68.212, 327.604.

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





Tritanopia
30, 32.217, 21.966

Trichromacy



Original Color
29, 68.212, 327.604

Protanomaly
25, 60.853, 300.839

Deuteranomaly
26, 48.349, 307.040

Tritanomaly
28, 42.856, 349.130

Monochromacy



Original Color
29, 68.212, 327.604

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 34.310, 326.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 68.212, 327.604 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(124, 2, 126)` looks like.

```
.text, #text, p{  
    color:rgb(124, 2, 126)  
}
```

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(124, 2, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 2, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 68.212, 327.604 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(124, 2, 126) }
```

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

```
.border{ border-color:rgb(124, 2, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 2, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 2, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 2, 126);  
box-shadow:4px 4px 4px 4px rgb(124, 2,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 68.212, 327.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 2, 126) }
```

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

```
.background{ background-color: rgb(124, 2,  
126) }
```

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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