

Converting Colors

CIELCh(29, 66.983, 328.213)

Have a look what the booklet for
CIELCh(29, 66.983, 328.213)
contains.

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Color

CIELCh(29, 67.005, 328.194)

Conversions

Conversions Part 1

Format	Color
Hex	7C047C
RGB	124, 4, 124
RGB Percent	49%, 2%, 49%
CMY	0.5134, 0.9837, 0.5134
CMYK	0.00, 0.97, 0.00, 0.51
HSL	300°, 94%, 25%
HSV	300°, 97%, 49%
XYZ	12.0109, 5.8380, 19.5867
YIQ	53.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

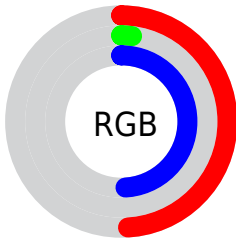
Format	Color
RYB	124, 4, 124
Decimal	8127612
CIELab	29.00, 56.94, -35.31
CIELCh	29, 67.005, 328.194
Yxy	5.8380, 0.3208, 0.1559
Android (android.graphics.Color)	4286317692 (0xFF7C047C)
YUV	53.5600, 34.7269, 61.7759
Hunter-Lab	24.1619, 46.4491, -31.1497

Details

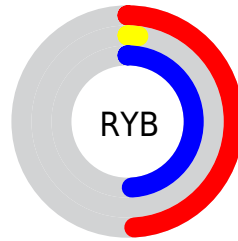
The CIELCh color **29, 67.005, 328.194** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 69.300, 136.228**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 66.697, 328.258**, and **14, 47.402, 326.315** is the 20% darker color. If you saturate the color by 10%, you get **29, 67.787, 328.234**, and if you desaturate by 10%, it is **30, 64.495, 328.067**.

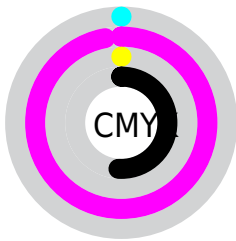
Distribution



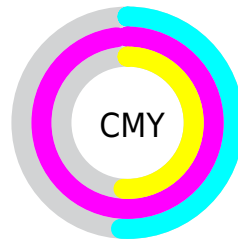
- Red (49%)
- Green (2%)
- Blue (49%)



- Red (49%)
- Yellow (2%)
- Blue (49%)



- Cyan (0%)
- Magenta (97%)
- Yellow (0%)
- Black (51%)




- Cyan (51%)
- Magenta (98%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 67.005, 328.194 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, 67.005, 328.194 by changing the saturation by 10% instead.

 29, 67.005,
328.194


 29, 67.005,
328.194

 100, 67.005,
328.194


 19, 67.005,
328.194


 49, 67.005,
328.194

 9, 67.005, 328.194

 59, 67.005,
328.194

 0, 67.005, 328.194

 69, 67.005,
328.194

 79, 67.005,
328.194

 89, 67.005,
328.194

 99, 67.005,

328.194

■ 29, 67.005,
328.194

■ 29, 67.005,
328.194

■ 29, 67.787,
328.234

■ 30, 64.495,
328.067

■ 31, 60.581,
327.865

■ 33, 55.155,
327.580

■ 35, 48.448,
327.221

■ 37, 40.766,
326.799

■ 40, 32.421,
326.329

■ 43, 23.687,
325.826

■ 46, 14.784,
325.303

■ 50, 5.874, 324.760

Harmonies

Complementary

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



29, 67.005, 328.194



45, 69.300, 136.228

Rectangle

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



29, 67.005, 328.194



29, 67.005, 18.194



29, 67.005, 148.194



29, 67.005, 198.194

Sweetspot

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



29, 67.003, 328.194



54, 31.823, 325.982



13, 76.486, 305.809



27, 21.970, 326.161



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, 67.003, 328.194



38, 81.804, 328.234



26, 49.269, 359.349



24, 4.930, 324.894



29, 68.130, 328.234



60, 114.687, 328.234

Inverse Universe

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



29, 67.003, 328.194



38, 81.804, 328.234



45, 50.209, 150.632



24, 4.930, 324.894



29, 68.130, 328.234



60, 114.687, 328.234

Previews

White Background



This preview shows how the CIELCh color 29, 67.005, 328.194 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, 67.005, 328.194 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, 67.005, 328.194

Background



This preview shows how black text looks on a background with the CIELCh color 29, 67.005, 328.194.



This preview shows how white text looks on a background with the CIELCh color 29, 67.005, 328.194.

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, 67.005, 328.194

Protanopia

30, 48.785, 285.433

Deuteranopia

30, 29.402, 278.580



Tritanopia
30, 32.367, 23.051

Trichromacy



Original Color
29, 67.005, 328.194

Protanomaly
24, 59.677, 300.717

Deuteranomaly
26, 47.760, 307.505

Tritanomaly
28, 41.957, 350.874

Monochromacy



Original Color
29, 67.005, 328.194

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 32.483, 327.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 67.005, 328.194 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, 4, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 4, 124)  
}
```

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, 4, 124) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 29, 67.005, 328.194 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, 4, 124) }
```

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

```
.border{ border-color:rgb(124, 4, 124) }
```

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 29, 67.005, 328.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 4, 124) }
```

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

```
.background{ background-color: rgb(124, 4,  
124) }
```

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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