

Converting Colors

CIELCh(29, 65.268, 328.012)

Have a look what the booklet for
CIELCh(29, 65.268, 328.012)
contains.

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Color

CIELCh(29, 65.286, 328.127)

Conversions

Conversions Part 1

Format	Color
Hex	7B0A7B
RGB	123, 10, 123
RGB Percent	48%, 4%, 48%
CMY	0.5188, 0.9592, 0.5187
CMYK	0.00, 0.92, 0.00, 0.52
HSL	300°, 84%, 26%
HSV	300°, 92%, 48%
XYZ	11.7966, 5.8380, 19.1522
YIQ	56.6690, 31.0750, 59.0990

Conversions

Conversions Part 2

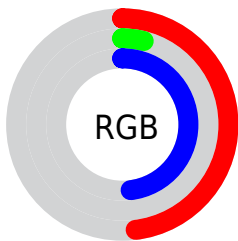
Format	Color
RYB	123, 10, 123
Decimal	8063611
CIELab	29.00, 55.44, -34.47
CIELCh	29, 65.286, 328.127
Yxy	5.8380, 0.3207, 0.1587
Android (android.graphics.Color)	4286253691 (0xFF7B0A7B)
YUV	56.6690, 32.7012, 58.1723
Hunter-Lab	24.1619, 44.8660, -30.0834

Details

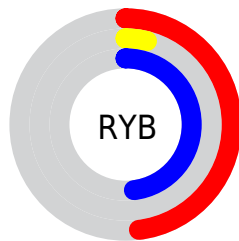
The CIELCh color **29, 65.286, 328.127** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 67.319, 136.538**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 65.670, 328.241**, and **14, 46.935, 326.774** is the 20% darker color. If you saturate the color by 10%, you get **28, 67.256, 328.227**, and if you desaturate by 10%, it is **30, 62.159, 327.966**.

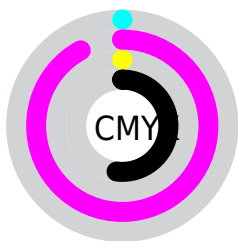
Distribution



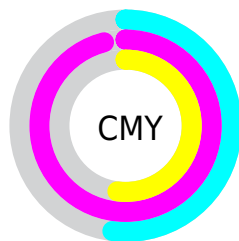
- Red (48%)
- Green (4%)
- Blue (48%)



- Red (48%)
- Yellow (4%)
- Blue (48%)



- Cyan (0%)
- Magenta (92%)
- Yellow (0%)
- Black (52%)





- Cyan (52%)
- Magenta (96%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 65.286, 328.127 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, 65.286, 328.127 by changing the saturation by 10% instead.

 29, 65.286,
328.127


 29, 65.286,
328.127

 100, 65.286,
328.127


 19, 65.286,
328.127


 49, 65.286,
328.127


 9, 65.286, 328.127

 59, 65.286,
328.127

 0, 65.286, 328.127

 69, 65.286,
328.127

 79, 65.286,
328.127

 89, 65.286,
328.127

 99, 65.286,

328.127

■ 29, 65.286,
328.127

■ 29, 65.286,
328.127

■ 28, 67.256,
328.227

■ 30, 62.159,
327.966

■ 31, 57.478,
327.722

■ 33, 51.405,
327.397

■ 36, 44.217,
327.004

■ 38, 36.226,
326.556

■ 41, 27.726,
326.068

■ 44, 18.961,
325.554

■ 48, 10.118,
325.024

■ 51, 1.330, 324.383

Harmonies

Complementary

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



29, 65.286, 328.127



44, 67.319, 136.538

Rectangle

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



29, 65.286, 328.127



29, 65.286, 18.127



29, 65.286, 148.127



29, 65.286, 198.127

Sweetspot

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



29, 65.284, 328.127



55, 29.645, 325.873



14, 72.250, 304.817



27, 20.115, 326.013



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, 65.284, 328.127



38, 81.806, 328.227



26, 48.286, 356.255



24, 4.930, 324.890



29, 68.132, 328.227



60, 114.691, 328.227

Inverse Universe

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



25, 55.591, 36.348



33, 73.722, 39.718



45, 48.872, 150.856



24, 2.851, 19.858



25, 60.071, 38.168



53, 103.776, 39.996

Previews

White Background



This preview shows how the CIELCh color 29, 65.286, 328.127 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, 65.286, 328.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

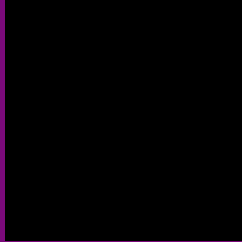
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 65.286, 328.127

Background



This preview shows how black text looks on a background with the CIELCh color 29, 65.286, 328.127.



This preview shows how white text looks on a background with the CIELCh color 29, 65.286, 328.127.

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, 65.477, 328.136

Protanopia
30, 48.853, 285.737

Deuteranopia
30, 28.812, 278.607



Tritanopia
30, 31.901, 22.904

Trichromacy



Original Color
29, 65.477, 328.136

Protanomaly
25, 57.732, 299.948

Deuteranomaly
26, 45.208, 307.059

Tritanomaly
28, 40.798, 350.834

Monochromacy



Original Color
29, 65.477, 328.136

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 31.049, 326.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 65.286, 328.127 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(123, 10, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 10, 123)  
}
```

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(123, 10, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 10, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 65.286, 328.127 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(123, 10, 123) }
```

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

```
.border{ border-color:rgb(123, 10, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 10, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 10, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 10, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 10,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 65.286, 328.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 10, 123) }
```

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

```
.background{ background-color: rgb(123, 10,  
123) }
```

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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