

Converting Colors

CIELCh(29, 60.224, 326.728)

Have a look what the booklet for
CIELCh(29, 60.224, 326.728)
contains.

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Color

CIELCh(29, 60.061, 326.865)

Conversions

Conversions Part 1

Format	Color
Hex	751978
RGB	117, 25, 120
RGB Percent	46%, 10%, 47%
CMY	0.5410, 0.9018, 0.5293
CMYK	0.02, 0.79, 0.00, 0.53
HSL	298°, 65%, 28%
HSV	298°, 79%, 47%
XYZ	11.0811, 5.8380, 18.3219
YIQ	63.3380, 24.3370, 49.0490

Conversions

Conversions Part 2

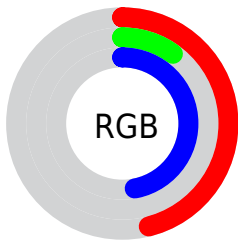
Format	Color
R_{YB}	117, 25, 120
Decimal	7674232
CIE Lab	29.00, 50.29, -32.83
CIE LCh	29, 60.061, 326.865
Yxy	5.8380, 0.3144, 0.1657
Android (android.graphics.Color)	4285864312 (0xFF751978)
YUV	63.3380, 27.9344, 47.0616
Hunter-Lab	24.1619, 39.5801, -28.0460

Details

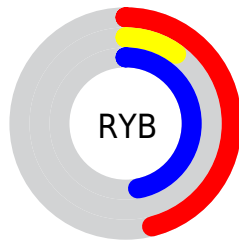
The CIELCh color **29, 60.061, 326.865** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 61.172, 137.153**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 59.870, 326.815**, and **13, 46.198, 325.272** is the 20% darker color. If you saturate the color by 10%, you get **28, 63.614, 326.984**, and if you desaturate by 10%, it is **31, 55.009, 326.647**.

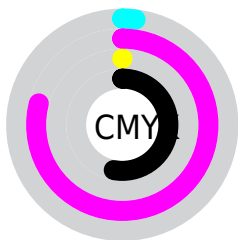
Distribution



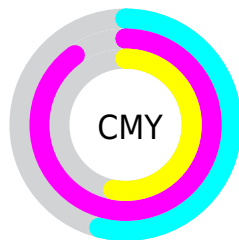
- Red (46%)
- Green (10%)
- Blue (47%)



- Red (46%)
- Yellow (10%)
- Blue (47%)



- Cyan (2%)
- Magenta (79%)
- Yellow (0%)
- Black (53%)





- Cyan (54%)
- Magenta (90%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 60.061, 326.865 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, 60.061, 326.865 by changing the saturation by 10% instead.

 29, 60.061,
326.865


 29, 60.061,
326.865

 100, 60.061,
326.865


 19, 60.061,
326.865


 49, 60.061,
326.865


 9, 60.061, 326.865

 59, 60.061,
326.865

 0, 60.061, 326.865

 69, 60.061,
326.865

 79, 60.061,
326.865

 89, 60.061,
326.865

 99, 60.061,

326.865

■ 29, 60.061,
326.865

■ 29, 60.061,
326.865

■ 28, 63.614,
326.984

■ 31, 55.009,
326.647

■ 27, 66.076,
327.031

■ 33, 48.677,
326.339

■ 27, 66.290,
327.036

■ 35, 41.363,
325.958

■ 38, 33.372,
325.522

■ 41, 24.978,
325.048

■ 44, 16.398,
324.550

■ 47, 7.793, 324.036

■ 51, 0.725, 143.796

■ 54, 9.083, 143.087

Harmonies

Complementary

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



29, 60.061, 326.865



44, 61.172, 137.153

Rectangle

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



29, 60.061, 326.865



29, 60.061, 16.865



29, 60.061, 146.865



29, 60.061, 196.865

Sweetspot

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



29, 60.059, 326.865



54, 25.450, 324.824



17, 61.472, 302.086



27, 17.618, 324.968



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



29, 60.059, 326.865



36, 78.911, 327.005



27, 44.896, 351.638



24, 4.882, 324.034



28, 68.229, 327.031



58, 114.864, 326.967

Inverse Universe

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



26, 46.932, 30.373



32, 68.154, 36.970



44, 44.109, 152.500



24, 2.851, 17.310



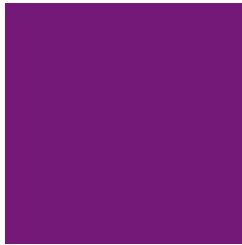
25, 59.171, 36.926



53, 102.556, 39.130

Previews

White Background



This preview shows how the CIELCh color 29, 60.061, 326.865 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, 60.061, 326.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

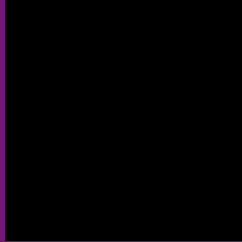
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 60.061, 326.865

Background



This preview shows how black text looks on a background with the CIELCh color 29, 60.061, 326.865.



This preview shows how white text looks on a background with the CIELCh color 29, 60.061, 326.865.

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
29, 28.344, 20.371

Trichromacy



Original Color
29, 60.061, 326.865

Protanomaly
26, 53.736, 297.489

Deuteranomaly
27, 40.480, 304.476

Tritanomaly
29, 36.172, 349.247

Monochromacy



Original Color
29, 60.061, 326.865

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 26.472, 325.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 60.061, 326.865 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(117, 25, 120)` looks like.

```
.text, #text, p{  
    color:rgb(117, 25, 120)  
}
```

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(117, 25, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 25, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 60.061, 326.865 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(117, 25, 120) }
```

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

```
.border{ border-color:rgb(117, 25, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 25, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 25, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 25, 120);  
box-shadow:4px 4px 4px 4px rgb(117, 25,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 60.061, 326.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 25, 120) }
```

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

```
.background{ background-color: rgb(117, 25,  
120) }
```

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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