

Converting Colors

CIELCh(27, 61.147, 332.650)

Have a look what the booklet for
CIELCh(27, 61.147, 332.650)
contains.

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Color

CIELCh(27, 61.161, 332.483)

Conversions

Conversions Part 1

Format	Color
Hex	78016C
RGB	120, 1, 108
RGB Percent	47%, 0%, 42%
CMY	0.5295, 0.9962, 0.5766
CMYK	0.00, 0.99, 0.10, 0.53
HSL	306°, 98%, 24%
HSV	306°, 99%, 47%
XYZ	10.4573, 5.0937, 14.6119
YIQ	48.7790, 36.5770, 58.5050

Conversions

Conversions Part 2

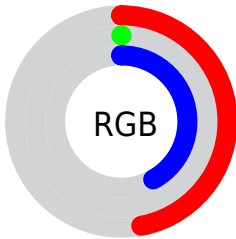
Format	Color
R_{YB}	120, 1, 108
Decimal	7864684
CIE _{Lab}	27.00, 54.24, -28.26
CIE _{LCh}	27, 61.161, 332.483
Yxy	5.0937, 0.3467, 0.1689
Android (android.graphics.Color)	4286054764 (0xFF78016C)
YUV	48.7790, 29.1960, 62.4608
Hunter-Lab	22.5692, 43.2106, -22.5875

Details

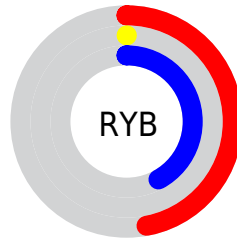
The CIELCh color **27, 61.161, 332.483** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 66.155, 137.416**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 61.472, 332.568**, and **13, 41.136, 332.316** is the 20% darker color. If you saturate the color by 10%, you get **27, 61.318, 332.519**, and if you desaturate by 10%, it is **28, 59.182, 332.027**.

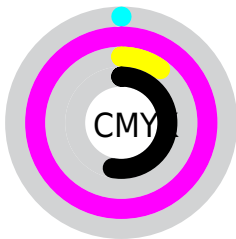
Distribution



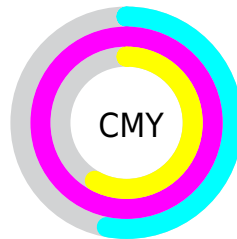
- Red (47%)
- Green (0%)
- Blue (42%)



- Red (47%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (99%)
- Yellow (10%)
- Black (53%)




- Cyan (53%)
- Magenta (100%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 61.161, 332.483 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 27, 61.161, 332.483 by changing the saturation by 10% instead.

 27, 61.161,
332.483

 27, 61.161,
332.483

 100, 61.161,
332.483

 17, 61.161,
332.483

 47, 61.161,
332.483


 7, 61.161, 332.483

 57, 61.161,
332.483

 0, 61.161, 332.483

 67, 61.161,
332.483

 77, 61.161,
332.483

 87, 61.161,
332.483

 97, 61.161,

332.483

■ 27, 61.161,
332.483

■ 27, 61.161,
332.483

■ 27, 61.318,
332.519

■ 28, 59.182,
332.027

■ 29, 56.125,
331.559

■ 31, 51.576,
331.073

■ 33, 45.749,
330.563

■ 35, 38.942,
330.030

■ 38, 31.460,
329.478

■ 41, 23.574,
328.916

■ 44, 15.499,
328.349

■ 47, 7.395, 327.777

Harmonies

Complementary

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



27, 61.161, 332.483



43, 66.155, 137.416

Rectangle

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



27, 61.161, 332.483



27, 61.161, 22.483



27, 61.161, 152.483



27, 61.161, 202.483

Sweetspot

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



27, 61.159, 332.483



52, 29.942, 329.003



12, 75.531, 306.673



25, 20.555, 329.195



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



27, 61.159, 332.483



36, 73.892, 332.636



24, 48.215, 9.225



24, 4.601, 327.770



28, 63.114, 332.539



58, 105.810, 332.797

Inverse Universe

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



27, 61.159, 332.483



36, 73.892, 332.636



44, 44.674, 155.863



24, 4.601, 327.770



28, 63.114, 332.539



58, 105.810, 332.797

Previews

White Background



This preview shows how the CIELCh color 27, 61.161, 332.483 looks on a white background.

Color Contrast Check

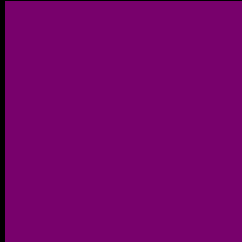
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 61.161, 332.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

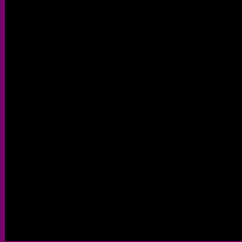
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 61.161, 332.483

Background



This preview shows how black text looks on a background with the CIELCh color 27, 61.161, 332.483.



This preview shows how white text looks on a background with the CIELCh color 27, 61.161, 332.483.

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
27, 61.161, 332.483

Protanopia
28, 46.695, 285.315

Deuteranopia
29, 22.324, 280.341



Tritanopia
28, 35.244, 24.587

Trichromacy



Original Color
27, 61.161, 332.483

Protanomaly
23, 55.195, 300.917

Deuteranomaly
25, 41.178, 313.097

Tritanomaly
26, 41.742, 356.305

Monochromacy



Original Color
27, 61.161, 332.483

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 30.165, 330.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 61.161, 332.483 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(120, 1, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 1, 108)  
}
```

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(120, 1, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 1, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 61.161, 332.483 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(120, 1, 108) }
```

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

```
.border{ border-color:rgb(120, 1, 108) }
```

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

Here you see how a box with a 4 pixel rgb(120, 1, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 1, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 1, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 1,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 61.161, 332.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 1, 108) }
```

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

```
.background{ background-color: rgb(120, 1,  
108) }
```

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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