

Converting Colors

CIELCh(27, 61.057, 328.097)

Have a look what the booklet for
CIELCh(27, 61.057, 328.097)
contains.

CIELCh(27, 61.034, 328.083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(27, 61.034, 328.083)

Conversions

Conversions Part 1

Format	Color
Hex	720D72
RGB	114, 13, 114
RGB Percent	45%, 5%, 45%
CMY	0.5525, 0.9483, 0.5526
CMYK	0.00, 0.88, 0.00, 0.55
HSL	300°, 79%, 25%
HSV	300°, 88%, 45%
XYZ	10.1416, 5.0937, 16.3972
YIQ	54.7130, 27.7750, 52.8230

Conversions

Conversions Part 2

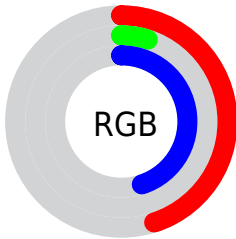
Format	Color
R_{YB}	114, 13, 114
Decimal	7474546
CIE _{Lab}	27.00, 51.81, -32.27
CIE _{LCh}	27, 61.034, 328.083
Yxy	5.0937, 0.3206, 0.1610
Android (android.graphics.Color)	4285664626 (0xFF720D72)
YUV	54.7130, 29.2285, 51.9947
Hunter-Lab	22.5692, 40.7138, -27.2775

Details

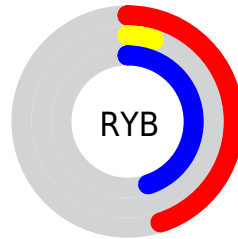
The CIELCh color **27, 61.034, 328.083** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 62.795, 136.786**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 60.974, 328.235**, and **12, 43.461, 326.628** is the 20% darker color. If you saturate the color by 10%, you get **26, 63.463, 328.214**, and if you desaturate by 10%, it is **28, 57.537, 327.892**.

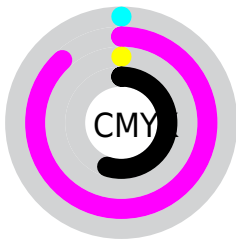
Distribution



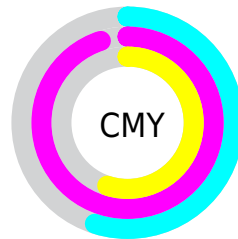
- Red (45%)
- Green (5%)
- Blue (45%)



- Red (45%)
- Yellow (5%)
- Blue (45%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (95%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 61.034, 328.083 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, 61.034, 328.083 by changing the saturation by 10% instead.

 27, 61.034,
328.083


 27, 61.034,
328.083

 100, 61.034,
328.083


 17, 61.034,
328.083


 47, 61.034,
328.083


 7, 61.034, 328.083

 57, 61.034,
328.083

 0, 61.034, 328.083

 67, 61.034,
328.083

 77, 61.034,
328.083

 87, 61.034,
328.083

 97, 61.034,

328.083

■ 27, 61.034,
328.083

■ 27, 61.034,
328.083

■ 26, 63.463,
328.214

■ 28, 57.537,
327.892

■ 26, 63.841,
328.234

■ 30, 52.626,
327.619

■ 32, 46.499,
327.271

■ 34, 39.431,
326.860

■ 36, 31.712,
326.401

■ 39, 23.599,
325.906

■ 42, 15.302,
325.390

■ 45, 6.977, 324.857

■ 49, 1.266, 144.499

Harmonies

Complementary

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



27, 61.034, 328.083



41, 62.795, 136.786

Rectangle

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



27, 61.034, 328.083



27, 61.034, 18.083



27, 61.034, 148.083



27, 61.034, 198.083

Sweetspot

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



27, 61.032, 328.083



51, 27.711, 325.868



13, 67.234, 304.581



24, 18.539, 325.995



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



27, 61.032, 328.083



35, 76.990, 328.234



24, 44.947, 356.457



22, 4.583, 324.887



28, 66.122, 328.234



59, 112.926, 328.235

Inverse Universe

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



27, 61.032, 328.083



35, 76.990, 328.234



42, 44.402, 152.454



22, 4.583, 324.887



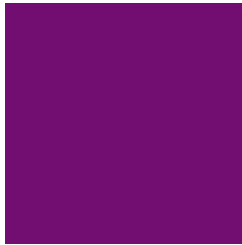
28, 66.122, 328.234



59, 112.926, 328.235

Previews

White Background



This preview shows how the CIELCh color 27, 61.034, 328.083 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, 61.034, 328.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

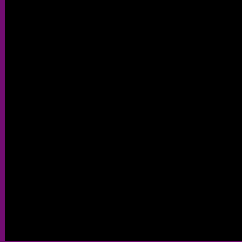
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 61.034, 328.083

Background



This preview shows how black text looks on a background with the CIELCh color 27, 61.034, 328.083.



This preview shows how white text looks on a background with the CIELCh color 27, 61.034, 328.083.

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, 61.034, 328.083

Protanopia

28, 46.169, 285.283

Deuteranopia

28, 27.128, 279.030



Tritanopia
28, 29.781, 22.440

Trichromacy



Original Color
27, 61.034, 328.083

Protanomaly
24, 53.110, 298.783

Deuteranomaly
25, 41.746, 306.928

Tritanomaly
27, 38.002, 350.825

Monochromacy



Original Color
27, 61.034, 328.083

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 27.716, 326.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 61.034, 328.083 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(114, 13, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 13, 114)  
}
```

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(114, 13, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 13, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 61.034, 328.083 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(114, 13, 114) }
```

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

```
.border{ border-color:rgb(114, 13, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 13, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 13, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 13, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 13,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 61.034, 328.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 13, 114) }
```

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

```
.background{ background-color: rgb(114, 13,  
114) }
```

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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