

Converting Colors

CIELCh(27, 60.389, 327.907)

Have a look what the booklet for
CIELCh(27, 60.389, 327.907)
contains.

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Color

CIELCh(27, 60.524, 327.705)

Conversions

Conversions Part 1

Format	Color
Hex	710F72
RGB	113, 15, 114
RGB Percent	44%, 6%, 45%
CMY	0.5561, 0.9399, 0.5522
CMYK	0.01, 0.87, 0.00, 0.55
HSL	299°, 76%, 25%
HSV	299°, 87%, 45%
XYZ	10.0590, 5.0937, 16.4289
YIQ	55.5880, 26.6290, 51.5650

Conversions

Conversions Part 2

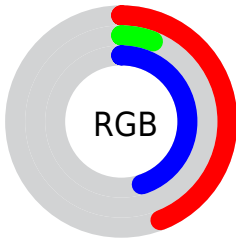
Format	Color
R _Y B	113, 15, 114
Decimal	7409522
CIE Lab	27.00, 51.16, -32.34
CIE LCh	27, 60.524, 327.705
Yxy	5.0937, 0.3185, 0.1613
Android (android.graphics.Color)	4285599602 (0xFF710F72)
YUV	55.5880, 28.7971, 50.3503
Hunter-Lab	22.5692, 40.0610, -27.3608

Details

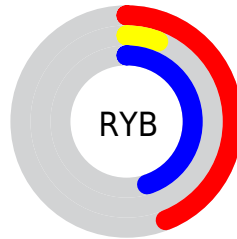
The CIELCh color **27, 60.524, 327.705** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 62.126, 136.835**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 60.321, 327.890**, and **12, 43.500, 326.099** is the 20% darker color. If you saturate the color by 10%, you get **26, 63.067, 327.817**, and if you desaturate by 10%, it is **28, 56.727, 327.518**.

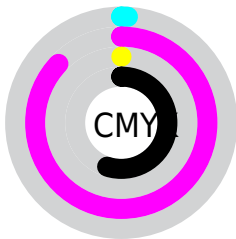
Distribution



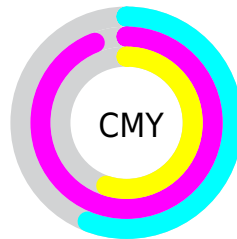
- Red (44%)
- Green (6%)
- Blue (45%)



- Red (44%)
- Yellow (6%)
- Blue (45%)



- Cyan (1%)
- Magenta (87%)
- Yellow (0%)
- Black (55%)





- Cyan (56%)
- Magenta (94%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 60.524, 327.705 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, 60.524, 327.705 by changing the saturation by 10% instead.

 27, 60.524,
327.705


 27, 60.524,
327.705

 100, 60.524,
327.705


 17, 60.524,
327.705


 47, 60.524,
327.705


 7, 60.524, 327.705

 57, 60.524,
327.705

 0, 60.524, 327.705

 67, 60.524,
327.705

 77, 60.524,
327.705

 87, 60.524,
327.705

 97, 60.524,

327.705

■ 27, 60.524,
327.705

■ 27, 60.524,
327.705

■ 26, 63.067,
327.817

■ 28, 56.727,
327.518

■ 26, 63.902,
327.854

■ 30, 51.545,
327.244

■ 32, 45.201,
326.894

■ 34, 37.981,
326.481

■ 37, 30.170,
326.021

■ 40, 22.017,
325.529

■ 43, 13.719,
325.016

■ 46, 5.421, 324.483

■ 49, 2.777, 144.066

Harmonies

Complementary

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



27, 60.524, 327.705



42, 62.126, 136.835

Rectangle

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



27, 60.524, 327.705



27, 60.524, 17.705



27, 60.524, 147.705



27, 60.524, 197.705

Sweetspot

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



27, 60.522, 327.705



51, 26.616, 325.533



14, 65.257, 303.908



25, 17.917, 325.663



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, 60.522, 327.705



35, 77.024, 327.844



25, 44.847, 354.613



22, 4.569, 324.615



27, 66.150, 327.852



58, 112.977, 327.830

Inverse Universe

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



24, 49.806, 34.176



30, 68.667, 38.963



42, 44.511, 151.985



22, 2.649, 19.047



24, 57.728, 37.399



52, 101.784, 39.712

Previews

White Background



This preview shows how the CIELCh color 27, 60.524, 327.705 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, 60.524, 327.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

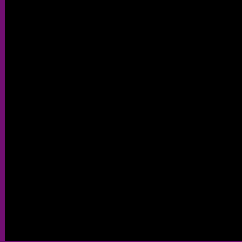
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 60.524, 327.705

Background



This preview shows how black text looks on a background with the CIELCh color 27, 60.524, 327.705.



This preview shows how white text looks on a background with the CIELCh color 27, 60.524, 327.705.

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, 60.524, 327.705

Protanopia
28, 46.169, 285.283

Deuteranopia
28, 27.780, 279.126



Tritanopia
27, 29.170, 21.054

Trichromacy



Original Color
27, 60.524, 327.705

Protanomaly
24, 53.110, 298.783

Deuteranomaly
25, 41.026, 306.090

Tritanomaly
27, 37.237, 350.567

Monochromacy



Original Color
27, 60.524, 327.705

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 27.674, 326.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 60.524, 327.705 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(113, 15, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 15, 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(113, 15, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 15, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 60.524, 327.705 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(113, 15, 114) }
```

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

```
.border{ border-color:rgb(113, 15, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 15, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 15, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 15, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 15,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 60.524, 327.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 15, 114) }
```

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

```
.background{ background-color: rgb(113, 15,  
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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