

Converting Colors

CIELCh(27, 63.848, 326.141)

Have a look what the booklet for
CIELCh(27, 63.848, 326.141)
contains.

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Color

CIELCh(27, 63.660, 326.142)

Conversions

Conversions Part 1

Format	Color
Hex	710B77
RGB	113, 11, 119
RGB Percent	44%, 4%, 47%
CMY	0.5565, 0.9562, 0.5330
CMYK	0.05, 0.91, 0.00, 0.53
HSL	297°, 83%, 26%
HSV	297°, 91%, 47%
XYZ	10.2779, 5.0937, 17.9211
YIQ	53.8100, 26.1240, 55.2120

Conversions

Conversions Part 2

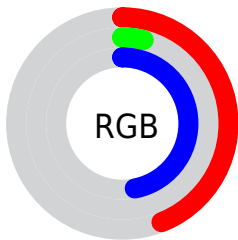
Format	Color
R_{YB}	113, 11, 119
Decimal	7408503
CIE _{Lab}	27.00, 52.86, -35.47
CIE _{LCh}	27, 63.660, 326.142
Yxy	5.0937, 0.3087, 0.1530
Android (android.graphics.Color)	4285598583 (0xFF710B77)
YUV	53.8100, 32.1387, 51.9096
Hunter-Lab	22.5692, 41.7922, -31.2809

Details

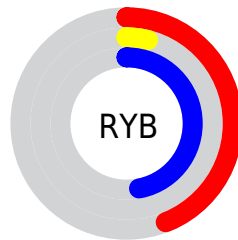
The CIELCh color **27, 63.660, 326.142** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 65.149, 136.167**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 63.990, 326.109**, and **12, 45.994, 323.305** is the 20% darker color. If you saturate the color by 10%, you get **26, 66.011, 326.137**, and if you desaturate by 10%, it is **28, 60.277, 326.086**.

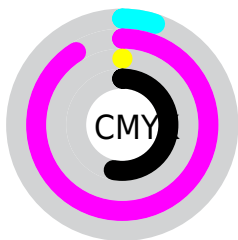
Distribution



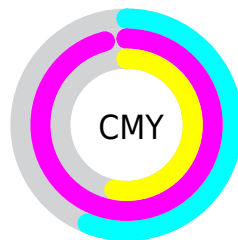
- Red (44%)
- Green (4%)
- Blue (47%)



- Red (44%)
- Yellow (4%)
- Blue (47%)



- Cyan (5%)
- Magenta (91%)
- Yellow (0%)
- Black (53%)





- Cyan (56%)
- Magenta (96%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 63.660, 326.142 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, 63.660, 326.142 by changing the saturation by 10% instead.

 27, 63.660,
326.142


 27, 63.660,
326.142

 100, 63.660,
326.142


 17, 63.660,
326.142


 47, 63.660,
326.142


 7, 63.660, 326.142

 57, 63.660,
326.142

 0, 63.660, 326.142

 67, 63.660,
326.142

 77, 63.660,
326.142

 87, 63.660,
326.142

 97, 63.660,

326.142

■ 27, 63.660,
326.142

■ 27, 63.660,
326.142

■ 26, 66.011,
326.137

■ 28, 60.277,
326.086

■ 30, 55.392,
325.915

■ 32, 49.214,
325.645

■ 34, 42.040,
325.293

■ 37, 34.179,
324.879

■ 40, 25.907,
324.424

■ 43, 17.441,
323.943

■ 46, 8.942, 323.446

■ 50, 0.523, 322.658

Harmonies

Complementary

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



27, 63.660, 326.142



43, 65.149, 136.167

Rectangle

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



27, 63.660, 326.142



27, 63.660, 16.142



27, 63.660, 146.142



27, 63.660, 196.142

Sweetspot

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



27, 63.659, 326.142



53, 28.442, 324.285



15, 67.315, 303.505



26, 19.307, 324.413



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, 63.659, 326.142



35, 80.126, 326.084



26, 47.991, 351.942



23, 4.676, 323.365



27, 67.323, 326.131



57, 114.163, 326.016

Inverse Universe

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



24, 52.241, 33.196



32, 69.790, 37.327



44, 49.736, 148.759



23, 2.755, 15.358



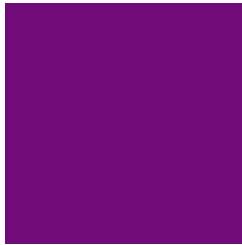
24, 57.512, 35.769



52, 100.834, 38.432

Previews

White Background



This preview shows how the CIE LCh color 27, 63.660, 326.142 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, 63.660, 326.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

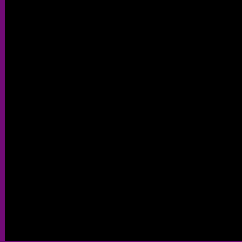
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 63.660, 326.142

Background



This preview shows how black text looks on a background with the CIELCh color 27, 63.660, 326.142.



This preview shows how white text looks on a background with the CIELCh color 27, 63.660, 326.142.

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, 63.660, 326.142

Protanopia

28, 46.169, 285.283

Deuteranopia

28, 29.913, 277.394



Tritanopia
28, 28.156, 20.567

Trichromacy



Original Color
27, 63.660, 326.142



Protanomaly
23, 55.014, 299.371



Deuteranomaly
25, 44.749, 304.055



Tritanomaly
26, 38.237, 347.193

Monochromacy



Original Color
27, 63.660, 326.142



Achromatopsia
23, 0.004, 296.813



Achromatomaly
22, 30.024, 324.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 63.660, 326.142 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, 11, 119)` looks like.

```
.text, #text, p{  
    color:rgb(113, 11, 119)  
}
```

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, 11, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 11, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 63.660, 326.142 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, 11, 119) }
```

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

```
.border{ border-color:rgb(113, 11, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 11, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 11, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 11, 119);  
box-shadow:4px 4px 4px 4px rgb(113, 11,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 63.660, 326.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 11, 119) }
```

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

```
.background{ background-color: rgb(113, 11,  
119) }
```

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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