

Converting Colors

CIELCh(27, 63.520, 322.539)

Have a look what the booklet for
CIELCh(27, 63.520, 322.539)
contains.

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Color

CIELCh(27, 63.599, 322.514)

Conversions

Conversions Part 1

Format	Color
Hex	6B147C
RGB	107, 20, 124
RGB Percent	42%, 8%, 49%
CMY	0.5800, 0.9211, 0.5134
CMYK	0.14, 0.84, 0.00, 0.51
HSL	290°, 72%, 28%
HSV	290°, 84%, 49%
XYZ	9.9706, 5.0937, 19.5562
YIQ	57.8690, 18.4680, 50.7880

Conversions

Conversions Part 2

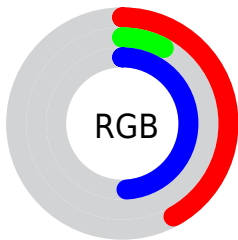
Format	Color
RYB	107, 20, 124
Decimal	7017596
CIELab	27.00, 50.47, -38.70
CIELCh	27, 63.599, 322.514
Yxy	5.0937, 0.2880, 0.1471
Android (android.graphics.Color)	4285207676 (0xFF6B147C)
YUV	57.8690, 32.6026, 43.0879
Hunter-Lab	22.5692, 39.3612, -35.5764

Details

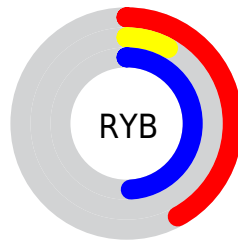
The CIELCh color **27, 63.599, 322.514** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 63.399, 134.993**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 63.552, 322.716**, and **11, 48.420, 319.590** is the 20% darker color. If you saturate the color by 10%, you get **26, 66.910, 322.335**, and if you desaturate by 10%, it is **29, 58.701, 322.517**.

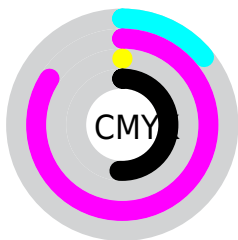
Distribution



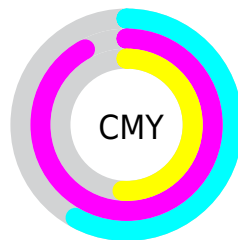
- Red (42%)
- Green (8%)
- Blue (49%)



- Red (42%)
- Yellow (8%)
- Blue (49%)



- Cyan (14%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)





- Cyan (58%)
- Magenta (92%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 63.599, 322.514 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, 63.599, 322.514 by changing the saturation by 10% instead.

 27, 63.599,
322.514


 27, 63.599,
322.514

 100, 63.599,
322.514


 17, 63.599,
322.514


 47, 63.599,
322.514


 7, 63.599, 322.514

 57, 63.599,
322.514

 0, 63.599, 322.514

 67, 63.599,
322.514

 77, 63.599,
322.514

 87, 63.599,
322.514

 97, 63.599,

322.514

■ 27, 63.599,
322.514

■ 27, 63.599,
322.514

■ 26, 66.910,
322.335

■ 29, 58.701,
322.517

■ 25, 68.692,
322.204

■ 31, 52.434,
322.369

■ 34, 45.138,
322.104

■ 37, 37.156,
321.757

■ 40, 28.777,
321.357

■ 44, 20.223,
320.926

■ 47, 11.653,
320.480

■ 51, 3.174, 320.007

■ 54, 5.149, 139.660

Harmonies

Complementary

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



27, 63.599, 322.514



45, 63.399, 134.993

Rectangle

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



27, 63.599, 322.514



27, 63.599, 12.514



27, 63.599, 142.514



27, 63.599, 192.514

Sweetspot

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



27, 63.598, 322.514



55, 26.278, 321.005



20, 57.801, 298.634



27, 18.082, 321.131



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



27, 63.598, 322.514



33, 82.929, 322.068



28, 50.748, 343.683



24, 4.693, 320.265



25, 69.035, 322.200



53, 116.337, 321.892

Inverse Universe

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



27, 47.567, 22.911



33, 67.001, 31.459



45, 53.072, 145.931



24, 2.915, 6.783



25, 55.119, 30.134



53, 95.500, 33.116

Previews

White Background



This preview shows how the CIE LCh color 27, 63.599, 322.514 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, 63.599, 322.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

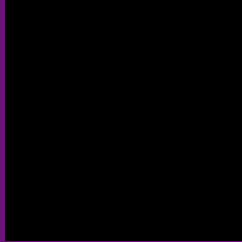
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 63.599, 322.514

Background



This preview shows how black text looks on a background with the CIELCh color 27, 63.599, 322.514.



This preview shows how white text looks on a background with the CIELCh color 27, 63.599, 322.514.

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, 63.599, 322.514

Protanopia
28, 46.237, 285.608

Deuteranopia
28, 33.496, 275.831



Tritanopia
27, 22.668, 17.819

Trichromacy



Original Color
27, 63.599, 322.514

Protanomaly
24, 54.278, 298.265

Deuteranomaly
25, 45.863, 298.063

Tritanomaly
26, 34.520, 341.048

Monochromacy



Original Color
27, 63.599, 322.514

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 27.974, 321.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 63.599, 322.514 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(107, 20, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 20, 124)  
}
```

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(107, 20, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 20, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 63.599, 322.514 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(107, 20, 124) }
```

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

```
.border{ border-color:rgb(107, 20, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 20, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 20, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 20, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 20,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 63.599, 322.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 20, 124) }
```

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

```
.background{ background-color: rgb(107, 20,  
124) }
```

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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