

Converting Colors

CIELCh(27, 61.284, 320.470)

Have a look what the booklet for
CIELCh(27, 61.284, 320.470)
contains.

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Color

CIELCh(27, 61.069, 320.520)

Conversions

Conversions Part 1

Format	Color
Hex	661B7C
RGB	102, 27, 124
RGB Percent	40%, 11%, 49%
CMY	0.5991, 0.8931, 0.5129
CMYK	0.18, 0.78, 0.00, 0.51
HSL	286°, 64%, 30%
HSV	286°, 78%, 49%
XYZ	9.5541, 5.0937, 19.6207
YIQ	60.4830, 13.5630, 46.0670

Conversions

Conversions Part 2

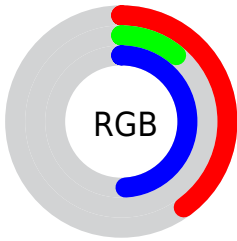
Format	Color
RYB	102, 27, 124
Decimal	6691708
CIELab	27.00, 47.14, -38.83
CIElCh	27, 61.069, 320.520
Yxy	5.0937, 0.2788, 0.1486
Android (android.graphics.Color)	4284881788 (0xFF661B7C)
YUV	60.4830, 31.3139, 36.4104
Hunter-Lab	22.5692, 36.0674, -35.7459

Details

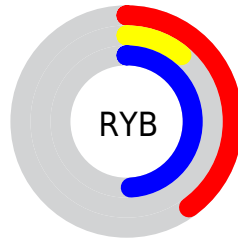
The CIELCh color $27, 61.069, 320.520$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $46, 59.712, 133.943$, and the grayscale version is $25, 0.004, 296.813$.

A 20% lighter version of the original color is $47, 60.806, 320.541$, and $10, 48.931, 317.575$ is the 20% darker color. If you saturate the color by 10%, you get $25, 65.548, 320.384$, and if you desaturate by 10%, it is $29, 55.121, 320.464$.

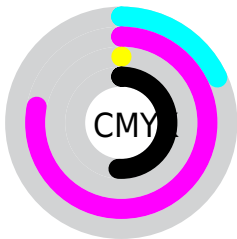
Distribution



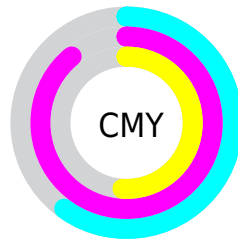
- Red (40%)
- Green (11%)
- Blue (49%)



- Red (40%)
- Yellow (11%)
- Blue (49%)



- Cyan (18%)
- Magenta (78%)
- Yellow (0%)
- Black (51%)





- Cyan (60%)
- Magenta (89%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 61.069, 320.520 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, 61.069, 320.520 by changing the saturation by 10% instead.

 27, 61.069,
320.520


 27, 61.069,
320.520

 100, 61.069,
320.520


 17, 61.069,
320.520


 47, 61.069,
320.520


 7, 61.069, 320.520

 57, 61.069,
320.520

 0, 61.069, 320.520

 67, 61.069,
320.520

 77, 61.069,
320.520

 87, 61.069,
320.520

 97, 61.069,

320.520

■ 27, 61.069,
320.520

■ 27, 61.069,
320.520

■ 25, 65.548,
320.384

■ 29, 55.121,
320.464

■ 24, 68.717,
320.085

■ 32, 48.060,
320.262

■ 24, 69.338,
320.034

■ 35, 40.250,
319.956

■ 38, 32.003,
319.584

■ 42, 23.555,
319.174

■ 45, 15.075,
318.748

■ 49, 6.675, 318.315

■ 53, 1.578, 138.016

■ 57, 9.640, 137.551

Harmonies

Complementary

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



27, 61.069, 320.520



46, 59.712, 133.943

Rectangle

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



27, 61.069, 320.520



27, 61.069, 10.520



27, 61.069, 140.520



27, 61.069, 190.520

Sweetspot

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



27, 61.068, 320.520



56, 23.774, 318.983



24, 48.966, 293.892



27, 16.609, 319.112



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, 61.068, 320.520



32, 81.933, 320.106



29, 51.168, 339.112



24, 4.610, 318.358



24, 69.633, 320.029



50, 117.434, 319.625

Inverse Universe

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



28, 43.970, 15.588



34, 61.704, 23.739



46, 53.123, 144.564



24, 2.980, 1.972



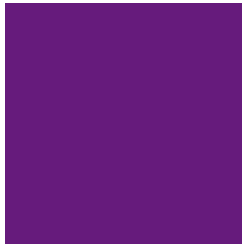
25, 53.036, 25.297



53, 91.516, 28.544

Previews

White Background



This preview shows how the CIELCh color 27, 61.069, 320.520 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, 61.069, 320.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

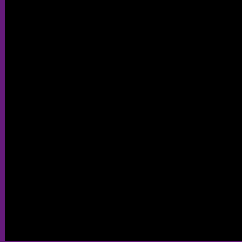
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 61.069, 320.520

Background



This preview shows how black text looks on a background with the CIELCh color 27, 61.069, 320.520.

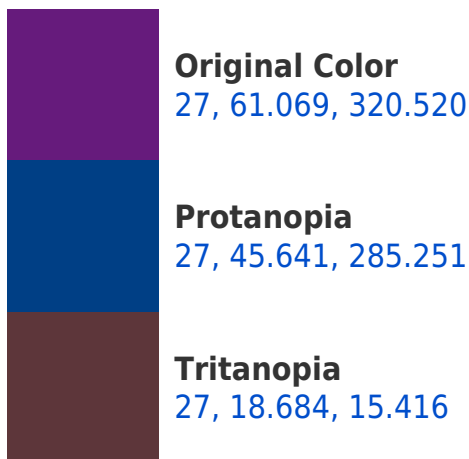


This preview shows how white text looks on a background with the CIELCh color 27, 61.069, 320.520.

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



Trichromacy

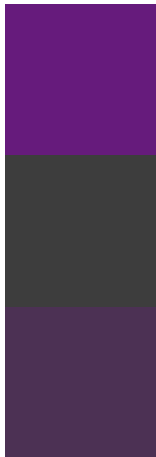


Original Color
27, 61.069, 320.520

Protanomaly
25, 52.226, 296.567

Tritanomaly
26, 31.648, 336.819

Monochromacy



Original Color
27, 61.069, 320.520

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 25.361, 319.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 61.069, 320.520 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(102, 27, 124)` looks like.

```
.text, #text, p{  
    color:rgb(102, 27, 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(102, 27, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 27, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 61.069, 320.520 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(102, 27, 124) }
```

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

```
.border{ border-color:rgb(102, 27, 124) }
```

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

Here you see how a box with a 4 pixel rgb(102, 27, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 27, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 27, 124);  
box-shadow:4px 4px 4px 4px rgb(102, 27,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 61.069, 320.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 27, 124) }
```

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

```
.background{ background-color: rgb(102, 27,  
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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