

Converting Colors

CIELCh(27, 63.459, 329.543)

Have a look what the booklet for
CIELCh(27, 63.459, 329.543)
contains.

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Color

CIELCh(27, 63.538, 329.564)

Conversions

Conversions Part 1

Format	Color
Hex	760172
RGB	118, 1, 114
RGB Percent	46%, 0%, 45%
CMY	0.5371, 0.9957, 0.5528
CMYK	0.00, 0.99, 0.03, 0.54
HSL	302°, 98%, 23%
HSV	302°, 99%, 46%
XYZ	10.5281, 5.0937, 16.3596
YIQ	48.8650, 33.4590, 59.9470

Conversions

Conversions Part 2

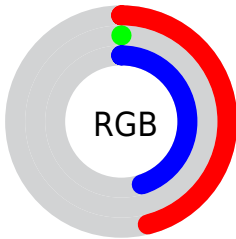
Format	Color
RYB	118, 1, 114
Decimal	7733618
CIELab	27.00, 54.78, -32.19
CIElCh	27, 63.538, 329.564
Yxy	5.0937, 0.3292, 0.1593
Android (android.graphics.Color)	4285923698 (0xFF760172)
YUV	48.8650, 32.1116, 60.6314
Hunter-Lab	22.5692, 43.7711, -27.1788

Details

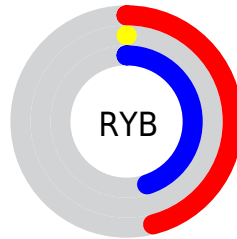
The CIELCh color **27, 63.538, 329.564** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 66.764, 136.542**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 63.507, 329.555**, and **13, 43.372, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **27, 63.744, 329.584**, and if you desaturate by 10%, it is **28, 61.285, 329.340**.

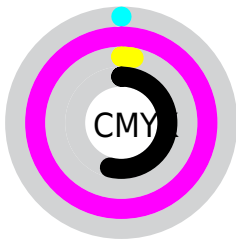
Distribution



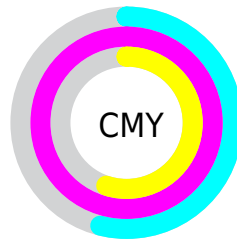
- Red (46%)
- Green (0%)
- Blue (45%)



- Red (46%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (3%)
- Black (54%)





- Cyan (54%)
- Magenta (100%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 63.538, 329.564 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, 63.538, 329.564 by changing the saturation by 10% instead.

 27, 63.538,
329.564


 27, 63.538,
329.564

 100, 63.538,
329.564


 17, 63.538,
329.564

 47, 63.538,
329.564


 7, 63.538, 329.564

 57, 63.538,
329.564

 0, 63.538, 329.564

 67, 63.538,
329.564

 77, 63.538,
329.564

 87, 63.538,
329.564

 97, 63.538,

329.564

■ 27, 63.538,
329.564

■ 27, 63.538,
329.564

■ 27, 63.744,
329.584

■ 28, 61.285,
329.340

■ 29, 57.972,
329.071

■ 30, 53.188,
328.738

■ 32, 47.135,
328.344

■ 35, 40.097,
327.899

■ 37, 32.376,
327.413

■ 40, 24.240,
326.899

■ 43, 15.907,
326.368

■ 47, 7.539, 325.824

Harmonies

Complementary

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



27, 63.538, 329.564



43, 66.764, 136.542

Rectangle

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



27, 63.538, 329.564



27, 63.538, 19.564



27, 63.538, 149.564



27, 63.538, 199.564

Sweetspot

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



27, 63.536, 329.564



51, 30.907, 326.986



12, 74.964, 306.315



25, 20.927, 327.156



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



27, 63.536, 329.564



36, 76.869, 329.619



24, 47.693, 2.922



23, 4.648, 325.821



28, 65.415, 329.590



59, 110.744, 329.668

Inverse Universe

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



27, 63.536, 329.564



36, 76.869, 329.619



43, 47.432, 152.039



23, 4.648, 325.821



28, 65.415, 329.590



59, 110.744, 329.668

Previews

White Background



This preview shows how the CIELCh color 27, 63.538, 329.564 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, 63.538, 329.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

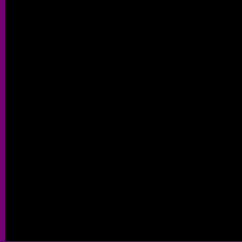
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 63.538, 329.564

Background



This preview shows how black text looks on a background with the CIELCh color 27, 63.538, 329.564.



This preview shows how white text looks on a background with the CIELCh color 27, 63.538, 329.564.

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, 63.538, 329.564

Protanopia

28, 46.695, 285.315

Deuteranopia

28, 26.365, 279.355



Tritanopia
28, 32.211, 23.338

Trichromacy



Original Color
27, 63.538, 329.564

Protanomaly
23, 57.017, 300.891

Deuteranomaly
24, 44.558, 309.590

Tritanomaly
27, 41.110, 352.479

Monochromacy



Original Color
27, 63.538, 329.564

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 31.463, 327.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 63.538, 329.564 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(118, 1, 114)` looks like.

```
.text, #text, p{  
    color:rgb(118, 1, 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(118, 1, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 1, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 63.538, 329.564 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(118, 1, 114) }
```

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

```
.border{ border-color:rgb(118, 1, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 1, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 1, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 1, 114);  
box-shadow:4px 4px 4px 4px rgb(118, 1,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 63.538, 329.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 1, 114) }
```

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

```
.background{ background-color: rgb(118, 1,  
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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