

Converting Colors

CIELCh(27, 62.470, 330.453)

Have a look what the booklet for
CIELCh(27, 62.470, 330.453)
contains.

CIELCh(27, 62.520, 330.267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(27, 62.520, 330.267)

Conversions

Conversions Part 1

Format	Color
Hex	760270
RGB	118, 2, 112
RGB Percent	46%, 1%, 44%
CMY	0.5364, 0.9905, 0.5600
CMYK	0.00, 0.98, 0.05, 0.54
HSL	303°, 96%, 24%
HSV	303°, 98%, 46%
XYZ	10.4634, 5.0937, 15.8212
YIQ	49.2240, 33.8260, 58.8020

Conversions

Conversions Part 2

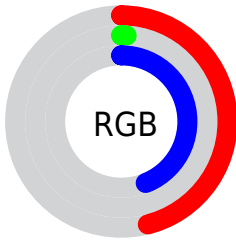
Format	Color
RYB	118, 2, 112
Decimal	7733872
CIELab	27.00, 54.29, -31.01
CIELCh	27, 62.520, 330.267
Yxy	5.0937, 0.3335, 0.1623
Android (android.graphics.Color)	4285923952 (0xFF760270)
YUV	49.2240, 30.9486, 60.3166
Hunter-Lab	22.5692, 43.2591, -25.7644

Details

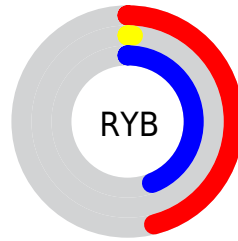
The CIELCh color **27, 62.520, 330.267** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 66.153, 136.839**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 62.179, 330.212**, and **12, 42.457, 329.344** is the 20% darker color. If you saturate the color by 10%, you get **27, 62.965, 330.323**, and if you desaturate by 10%, it is **28, 60.295, 329.985**.

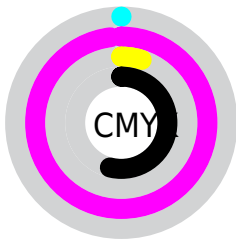
Distribution



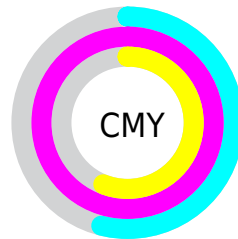
- Red (46%)
- Green (1%)
- Blue (44%)



- Red (46%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (98%)
- Yellow (5%)
- Black (54%)





- Cyan (54%)
- Magenta (99%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 62.520, 330.267 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, 62.520, 330.267 by changing the saturation by 10% instead.

 27, 62.520,
330.267


 27, 62.520,
330.267

 100, 62.520,
330.267


 17, 62.520,
330.267

 47, 62.520,
330.267


 7, 62.520, 330.267

 57, 62.520,
330.267

 0, 62.520, 330.267

 67, 62.520,
330.267

 77, 62.520,
330.267

 87, 62.520,
330.267

 97, 62.520,

330.267

■ 27, 62.520,
330.267

■ 27, 62.520,
330.267

■ 27, 62.965,
330.323

■ 28, 60.295,
329.985

■ 29, 56.880,
329.662

■ 31, 52.008,
329.285

■ 33, 45.899,
328.858

■ 35, 38.844,
328.386

■ 38, 31.144,
327.881

■ 41, 23.061,
327.353

■ 44, 14.805,
326.813

■ 47, 6.530, 326.259

Harmonies

Complementary

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



27, 62.520, 330.267



43, 66.153, 136.839

Rectangle

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



27, 62.520, 330.267



27, 62.520, 20.267



27, 62.520, 150.267



27, 62.520, 200.267

Sweetspot

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



27, 62.518, 330.267



52, 29.532, 327.447



12, 74.276, 306.232



25, 20.115, 327.626



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, 62.518, 330.267



36, 75.822, 330.378



24, 47.431, 4.067



23, 4.592, 326.320



28, 64.543, 330.331



58, 109.186, 330.454

Inverse Universe

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



27, 62.518, 330.267



36, 75.822, 330.378



43, 46.309, 153.165



23, 4.592, 326.320



28, 64.543, 330.331



58, 109.186, 330.454

Previews

White Background



This preview shows how the CIELCh color 27, 62.520, 330.267 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, 62.520, 330.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

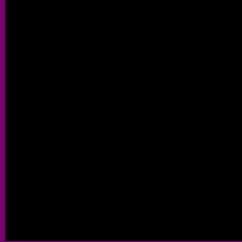
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 62.520, 330.267

Background



This preview shows how black text looks on a background with the CIELCh color 27, 62.520, 330.267.



This preview shows how white text looks on a background with the CIELCh color 27, 62.520, 330.267.

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, 62.520, 330.267

Protanopia

28, 46.695, 285.315

Deuteranopia

28, 25.047, 279.327



Tritanopia
28, 33.224, 23.756

Trichromacy



Original Color
27, 62.520, 330.267

Protanomaly
23, 56.420, 300.830

Deuteranomaly
25, 42.711, 310.056

Tritanomaly
26, 40.912, 353.312

Monochromacy



Original Color
27, 62.520, 330.267

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 30.940, 328.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 62.520, 330.267 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, 2, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 2, 112)  
}
```

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, 2, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 2, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 62.520, 330.267 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, 2, 112) }
```

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

```
.border{ border-color:rgb(118, 2, 112) }
```

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

Here you see how a box with a 4 pixel rgb(118, 2, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 2, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 2, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 2,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 62.520, 330.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 2, 112) }
```

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

```
.background{ background-color: rgb(118, 2,  
112) }
```

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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