

Converting Colors

CIELCh(27, 51.266, 352.200)

Have a look what the booklet for
CIELCh(27, 51.266, 352.200)
contains.

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Color

CIELCh(27, 51.252, 351.914)

Conversions

Conversions Part 1

Format	Color
Hex	7E054C
RGB	126, 5, 76
RGB Percent	49%, 2%, 30%
CMY	0.5050, 0.9788, 0.7012
CMYK	0.00, 0.96, 0.40, 0.51
HSL	325°, 92%, 26%
HSV	325°, 96%, 49%
XYZ	10.0057, 5.0937, 7.3265
YIQ	49.2730, 49.3250, 47.7330

Conversions

Conversions Part 2

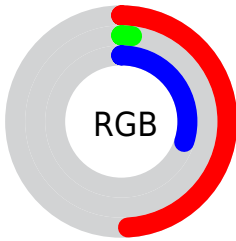
Format	Color
R_{YB}	126, 5, 76
Decimal	8258892
CIE _{Lab}	27.00, 50.74, -7.21
CIE _{LCh}	27, 51.252, 351.914
Yxy	5.0937, 0.4462, 0.2271
Android (android.graphics.Color)	4286448972 (0xFF7E054C)
YUV	49.2730, 13.1764, 67.2896
Hunter-Lab	22.5692, 39.6390, -3.4485

Details

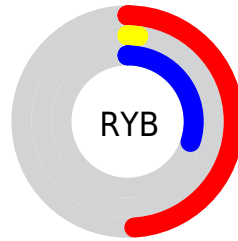
The CIELCh color **27, 51.252, 351.914** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46, 54.898, 146.801**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 51.162, 351.975**, and **12, 33.761, 1.384** is the 20% darker color. If you saturate the color by 10%, you get **27, 51.872, 352.987**, and if you desaturate by 10%, it is **28, 49.642, 349.469**.

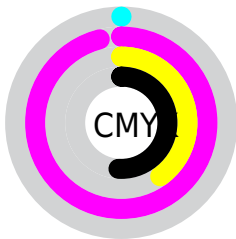
Distribution



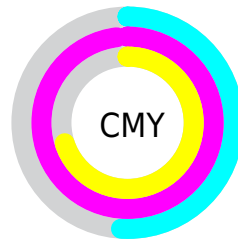
- Red (49%)
- Green (2%)
- Blue (30%)



- Red (49%)
- Yellow (2%)
- Blue (30%)



- Cyan (0%)
- Magenta (96%)
- Yellow (40%)
- Black (51%)





- Cyan (51%)
- Magenta (98%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 51.252, 351.914 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, 51.252, 351.914 by changing the saturation by 10% instead.

 27, 51.252,
351.914


 27, 51.252,
351.914

 100, 51.252,
351.914


 17, 51.252,
351.914


 47, 51.252,
351.914


 7, 51.252, 351.914

 57, 51.252,
351.914

 0, 51.252, 351.914

 67, 51.252,
351.914

 77, 51.252,
351.914

 87, 51.252,
351.914

 97, 51.252,

351.914

■ 27, 51.252,
351.914

■ 27, 51.252,
351.914

■ 27, 51.872,
352.987

■ 28, 49.642,
349.469

■ 30, 46.673,
347.461

■ 32, 42.357,
345.820

■ 34, 36.971,
344.448

■ 37, 30.838,
343.270

■ 40, 24.252,
342.235

■ 44, 17.449,
341.307

■ 47, 10.601,
340.459

■ 51, 3.819, 339.645

Harmonies

Complementary

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



27, 51.252, 351.914



46, 54.898, 146.801

Rectangle

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



27, 51.252, 351.914



27, 51.252, 41.914



27, 51.252, 171.914



27, 51.252, 221.914

Sweetspot

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



27, 51.250, 351.915



54, 24.308, 341.664



17, 73.202, 310.167



26, 16.597, 341.992



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, 51.250, 351.915



35, 62.305, 353.794



26, 55.755, 32.748



25, 3.812, 339.926



27, 52.242, 353.022



0, 0.000, 0.000

Inverse Universe

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



27, 51.250, 351.915



35, 62.305, 353.794



47, 32.102, 183.119



25, 3.812, 339.926



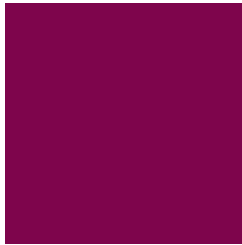
27, 52.242, 353.022



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 27, 51.252, 351.914 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 CIE LCh color 27, 51.252, 351.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

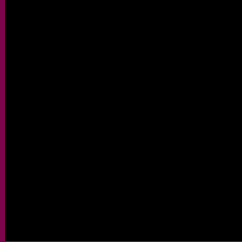
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 51.252, 351.914

Background



This preview shows how black text looks on a background with the CIELCh color 27, 51.252, 351.914.



This preview shows how white text looks on a background with the CIELCh color 27, 51.252, 351.914.

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, 51.252, 351.914

Protanopia

28, 28.600, 285.381

Deuteranopia

28, 4.714, 324.827



Tritanopia
28, 46.663, 30.673

Trichromacy



Original Color
27, 51.252, 351.914

Protanomaly
24, 37.205, 315.691

Deuteranomaly
25, 27.645, 341.755

Tritanomaly
27, 46.188, 15.752

Monochromacy



Original Color
27, 51.252, 351.914

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 25.379, 343.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 51.252, 351.914 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(126, 5, 76)` looks like.

```
.text, #text, p{  
    color:rgb(126, 5, 76)  
}
```

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(126, 5, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 5, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 51.252, 351.914 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(126, 5, 76) }
```

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

```
.border{ border-color:rgb(126, 5, 76) }
```

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

Here you see how a box with a 4 pixel rgb(126, 5, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 5, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 5, 76);  
box-shadow:4px 4px 4px 4px rgb(126, 5, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 51.252, 351.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 5, 76) }
```

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

```
.background{ background-color: rgb(126, 5,  
76) }
```

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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