

Converting Colors

CIELCh(27, 54.193, 329.457)

Have a look what the booklet for
CIELCh(27, 54.193, 329.457)
contains.

CIELCh(27, 54.171, 329.434)	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, 54.171, 329.434)

Conversions

Conversions Part 1

Format	Color
Hex	6F196B
RGB	111, 25, 107
RGB Percent	44%, 10%, 42%
CMY	0.5659, 0.9034, 0.5816
CMYK	0.00, 0.78, 0.04, 0.57
HSL	303°, 64%, 27%
HSV	303°, 78%, 43%
XYZ	9.4935, 5.0937, 14.3103
YIQ	60.0620, 24.9340, 43.7340

Conversions

Conversions Part 2

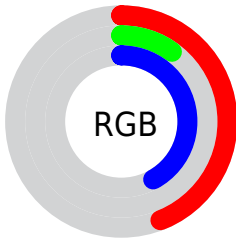
Format	Color
R_{YB}	111, 25, 107
Decimal	7281003
CIE _{Lab}	27.00, 46.64, -27.55
CIE _{LCh}	27, 54.171, 329.434
Yxy	5.0937, 0.3285, 0.1763
Android (android.graphics.Color)	4285471083 (0xFF6F196B)
YUV	60.0620, 23.1404, 44.6726
Hunter-Lab	22.5692, 35.5884, -21.7951

Details

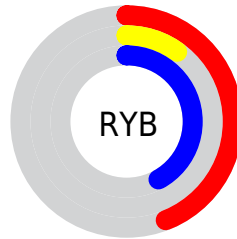
The CIELCh color $27, 54.171, 329.434$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $41, 55.740, 138.679$, and the grayscale version is $25, 0.004, 296.813$.

A 20% lighter version of the original color is $47, 54.164, 329.235$, and $11, 40.717, 328.233$ is the 20% darker color. If you saturate the color by 10%, you get $26, 57.542, 329.744$, and if you desaturate by 10%, it is $29, 49.438, 329.068$.

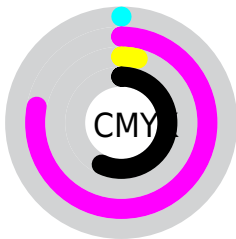
Distribution



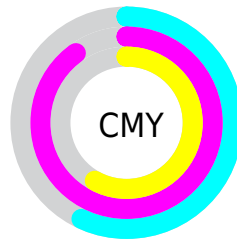
- Red (44%)
- Green (10%)
- Blue (42%)



- Red (44%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (78%)
- Yellow (4%)
- Black (57%)



- Cyan (57%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 54.171, 329.434 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, 54.171, 329.434 by changing the saturation by 10% instead.

■ 27, 54.171,
329.434

■ 27, 54.171,
329.434

■ 100, 54.171,
329.434

■ 17, 54.171,
329.434

■ 47, 54.171,
329.434

■ 7, 54.171, 329.434

■ 57, 54.171,
329.434

■ 0, 54.171, 329.434

■ 67, 54.171,
329.434

■ 77, 54.171,
329.434

■ 87, 54.171,
329.434

■ 97, 54.171,

329.434

■ 27, 54.171,
329.434

■ 27, 54.171,
329.434

■ 26, 57.542,
329.744

■ 29, 49.438,
329.068

■ 25, 59.834,
330.012

■ 31, 43.559,
328.649

■ 25, 60.350,
330.071

■ 33, 36.808,
328.185

■ 35, 29.461,
327.687

■ 38, 21.764,
327.166

■ 41, 13.911,
326.632

■ 44, 6.044, 326.084

■ 47, 1.738, 145.688

■ 51, 9.370, 145.093

Harmonies

Complementary

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



27, 54.171, 329.434



41, 55.740, 138.679

Rectangle

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



27, 54.171, 329.434



27, 54.171, 19.434



27, 54.171, 149.434



27, 54.171, 199.434

Sweetspot

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



27, 54.169, 329.434



51, 22.242, 326.946



16, 58.218, 303.021



24, 15.286, 327.093



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



27, 54.169, 329.434



34, 71.056, 329.946



25, 40.657, 356.014



22, 4.441, 326.155



27, 63.854, 330.087



58, 108.835, 330.199

Inverse Universe

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



27, 54.169, 329.434



34, 71.056, 329.946



41, 38.312, 156.281



22, 4.441, 326.155



27, 63.854, 330.087



58, 108.835, 330.199

Previews

White Background



This preview shows how the CIELCh color 27, 54.171, 329.434 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, 54.171, 329.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

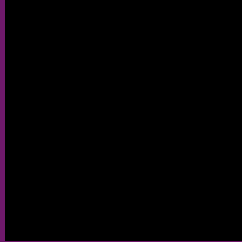
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 54.171, 329.434

Background



This preview shows how black text looks on a background with the CIELCh color 27, 54.171, 329.434.



This preview shows how white text looks on a background with the CIELCh color 27, 54.171, 329.434.

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, 54.171, 329.434

Protanopia

28, 46.237, 285.608

Deuteranopia

28, 23.761, 280.301



Tritanopia
27, 28.285, 21.836

Trichromacy



Original Color
27, 54.171, 329.434

Protanomaly
24, 49.192, 296.879

Deuteranomaly
25, 35.406, 307.758

Tritanomaly
27, 34.139, 352.615

Monochromacy



Original Color
27, 54.171, 329.434

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 23.447, 327.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 54.171, 329.434 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(111, 25, 107)` looks like.

```
.text, #text, p{  
    color:rgb(111, 25, 107)  
}
```

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(111, 25, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 25, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 54.171, 329.434 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(111, 25, 107) }
```

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

```
.border{ border-color:rgb(111, 25, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 25, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 25, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 25, 107); box-shadow:4px 4px 4px 4px rgb(111, 25, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 54.171, 329.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 25, 107) }
```

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

```
.background{ background-color: rgb(111, 25,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor