

Converting Colors

CIELCh(28, 50.290, 337.864)

Have a look what the booklet for
CIELCh(28, 50.290, 337.864)
contains.

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Color

CIELCh(28, 50.154, 338.082)

Conversions

Conversions Part 1

Format	Color
Hex	771A60
RGB	119, 26, 96
RGB Percent	47%, 10%, 38%
CMY	0.5347, 0.8996, 0.6248
CMYK	0.00, 0.78, 0.19, 0.53
HSL	315°, 65%, 28%
HSV	315°, 78%, 47%
XYZ	10.0180, 5.4574, 11.5164
YIQ	61.7870, 32.9580, 41.4860

Conversions

Conversions Part 2

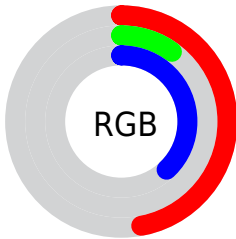
Format	Color
R_{YB}	119, 26, 96
Decimal	7805536
CIE _{Lab}	28.00, 46.53, -18.72
CIE _{LCh}	28, 50.154, 338.082
Yxy	5.4574, 0.3711, 0.2022
Android (android.graphics.Color)	4285995616 (0xFF771A60)
YUV	61.7870, 16.8670, 50.1758
Hunter-Lab	23.3610, 35.6648, -12.8757

Details

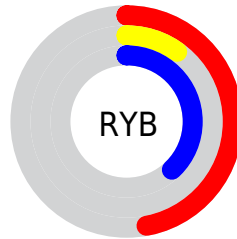
The CIELCh color **28, 50.154, 338.082** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 52.165, 143.911**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 50.442, 337.905**, and **12, 36.830, 340.628** is the 20% darker color. If you saturate the color by 10%, you get **27, 52.864, 339.155**, and if you desaturate by 10%, it is **30, 46.011, 337.138**.

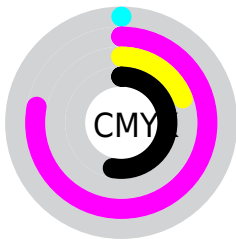
Distribution



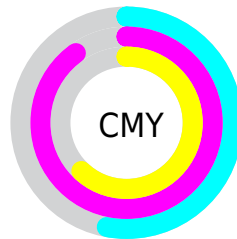
- Red (47%)
- Green (10%)
- Blue (38%)



- Red (47%)
- Yellow (10%)
- Blue (38%)



- Cyan (0%)
- Magenta (78%)
- Yellow (19%)
- Black (53%)





- Cyan (53%)
- Magenta (90%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 50.154, 338.082 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 28, 50.154, 338.082 by changing the saturation by 10% instead.

 28, 50.154,
338.082


 28, 50.154,
338.082

 100, 50.154,
338.082


 18, 50.154,
338.082


 48, 50.154,
338.082


 8, 50.154, 338.082

 58, 50.154,
338.082

 0, 50.154, 338.082

 68, 50.154,
338.082

 78, 50.154,
338.082

 88, 50.154,
338.082

 98, 50.154,

338.082

■ 28, 50.154,
338.082

■ 28, 50.154,
338.082

■ 27, 52.864,
339.155

■ 30, 46.011,
337.138

■ 26, 54.452,
340.343

■ 32, 40.683,
336.283

■ 26, 54.705,
340.528

■ 35, 34.474,
335.492

■ 37, 27.682,
334.748

■ 40, 20.561,
334.041

■ 44, 13.304,
333.363

■ 47, 6.048, 332.703

■ 50, 1.115, 152.325

■ 54, 8.128, 151.573

Harmonies

Complementary

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



28, 50.154, 338.082



44, 52.165, 143.911

Rectangle

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



28, 50.154, 338.082



28, 50.154, 28.082



28, 50.154, 158.082



28, 50.154, 208.082

Sweetspot

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



28, 50.152, 338.082



53, 21.377, 333.777



19, 61.226, 306.413



26, 14.600, 333.970



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



28, 50.152, 338.082



35, 64.837, 340.119



26, 42.250, 12.352



23, 4.004, 332.743



27, 55.906, 340.578



56, 93.907, 341.457

Inverse Universe

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



28, 50.152, 338.082



35, 64.837, 340.119



44, 33.245, 169.281



23, 4.004, 332.743



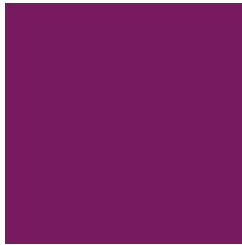
27, 55.906, 340.578



56, 93.907, 341.457

Previews

White Background



This preview shows how the CIELCh color 28, 50.154, 338.082 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 28, 50.154, 338.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

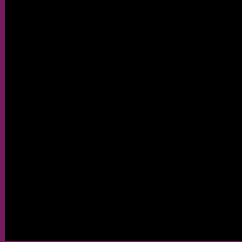
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 50.154, 338.082

Background



This preview shows how black text looks on a background with the CIELCh color 28, 50.154, 338.082.



This preview shows how white text looks on a background with the CIELCh color 28, 50.154, 338.082.

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

28, 50.154, 338.082

Protanopia

29, 40.066, 285.972

Deuteranopia

29, 14.893, 285.613



Tritanopia
28, 34.699, 24.317

Trichromacy



Original Color
28, 50.154, 338.082

Protanomaly
26, 42.552, 303.570

Deuteranomaly
27, 28.537, 319.792

Tritanomaly
28, 37.098, 3.097

Monochromacy



Original Color
28, 50.154, 338.082

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 22.175, 334.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 50.154, 338.082 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(119, 26, 96)` looks like.

```
.text, #text, p{  
    color:rgb(119, 26, 96)  
}
```

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(119, 26, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 26, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 50.154, 338.082 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(119, 26, 96) }
```

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

```
.border{ border-color:rgb(119, 26, 96) }
```

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

Here you see how a box with a 4 pixel rgb(119, 26, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 26, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 26, 96);  
box-shadow:4px 4px 4px 4px rgb(119, 26,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 50.154, 338.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 26, 96) }
```

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

```
.background{ background-color: rgb(119, 26,  
96) }
```

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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