

Converting Colors

CIELCh(28, 62.253, 328.642)

Have a look what the booklet for
CIELCh(28, 62.253, 328.642)
contains.

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Color

CIELCh(28, 62.330, 328.432)

Conversions

Conversions Part 1

Format	Color
Hex	760D75
RGB	118, 13, 117
RGB Percent	46%, 5%, 46%
CMY	0.5363, 0.9473, 0.5403
CMYK	0.00, 0.89, 0.01, 0.54
HSL	301°, 80%, 26%
HSV	301°, 89%, 46%
XYZ	10.8785, 5.4574, 17.3808
YIQ	56.2510, 29.1960, 54.6040

Conversions

Conversions Part 2

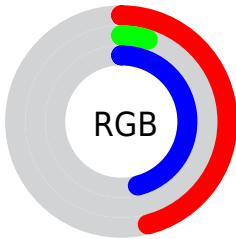
Format	Color
R_{YB}	118, 13, 117
Decimal	7736693
CIE _{Lab}	28.00, 53.11, -32.63
CIE _{LCh}	28, 62.330, 328.432
Y _{xy}	5.4574, 0.3226, 0.1619
Android (android.graphics.Color)	4285926773 (0xFF760D75)
YUV	56.2510, 29.9493, 54.1539
Hunter-Lab	23.3610, 42.2399, -27.7594

Details

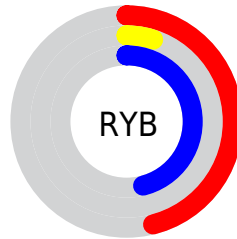
The CIELCh color **28, 62.330, 328.432** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 64.374, 136.885**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 62.549, 328.228**, and **13, 44.771, 326.686** is the 20% darker color. If you saturate the color by 10%, you get **27, 64.694, 328.585**, and if you desaturate by 10%, it is **29, 58.847, 328.222**.

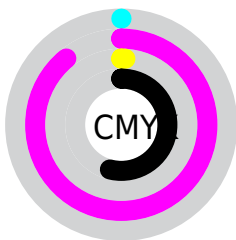
Distribution



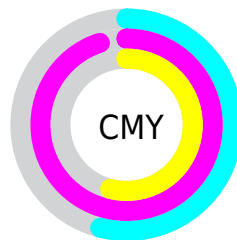
- Red (46%)
- Green (5%)
- Blue (46%)



- Red (46%)
- Yellow (5%)
- Blue (46%)



- Cyan (0%)
- Magenta (89%)
- Yellow (1%)
- Black (54%)




- Cyan (54%)
- Magenta (95%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 62.330, 328.432 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, 62.330, 328.432 by changing the saturation by 10% instead.

 28, 62.330,
328.432


 28, 62.330,
328.432

 100, 62.330,
328.432


 18, 62.330,
328.432


 48, 62.330,
328.432


 8, 62.330, 328.432

 58, 62.330,
328.432

 0, 62.330, 328.432

 68, 62.330,
328.432

 78, 62.330,
328.432

 88, 62.330,
328.432

 98, 62.330,

328.432

■ 28, 62.330,
328.432

■ 28, 62.330,
328.432

■ 27, 64.694,
328.585

■ 29, 58.847,
328.222

■ 27, 65.014,
328.605

■ 31, 53.896,
327.934

■ 33, 47.678,
327.574

■ 35, 40.480,
327.154

■ 38, 32.599,
326.687

■ 41, 24.307,
326.186

■ 44, 15.821,
325.665

■ 47, 7.303, 325.127

■ 50, 1.133, 144.786

Harmonies

Complementary

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



28, 62.330, 328.432



43, 64.374, 136.885

Rectangle

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



28, 62.330, 328.432



28, 62.330, 18.432



28, 62.330, 148.432



28, 62.330, 198.432

Sweetspot

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



28, 62.328, 328.432



52, 28.305, 326.136



14, 69.293, 304.662



25, 18.945, 326.268



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, 62.328, 328.432



36, 78.340, 328.615



25, 46.213, 356.618



23, 4.726, 325.149



28, 66.641, 328.607



59, 112.936, 328.628

Inverse Universe

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



28, 62.328, 328.432



36, 78.340, 328.615



44, 45.731, 152.347



23, 4.726, 325.149



28, 66.641, 328.607



59, 112.936, 328.628

Previews

White Background



This preview shows how the CIELCh color 28, 62.330, 328.432 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 28, 62.330, 328.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

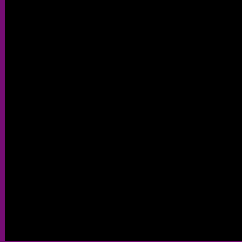
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 62.330, 328.432

Background



This preview shows how black text looks on a background with the CIELCh color 28, 62.330, 328.432.



This preview shows how white text looks on a background with the CIELCh color 28, 62.330, 328.432.

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, 62.330, 328.432

Protanopia

29, 47.811, 285.687

Deuteranopia

29, 27.621, 279.326



Tritanopia
28, 31.118, 22.810

Trichromacy



Original Color
28, 62.330, 328.432

Protanomaly
24, 55.389, 299.241

Deuteranomaly
26, 42.884, 307.107

Tritanomaly
28, 38.845, 352.236

Monochromacy



Original Color
28, 62.330, 328.432

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 29.023, 326.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 62.330, 328.432 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, 13, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 13, 117)  
}
```

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, 13, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 13, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 62.330, 328.432 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, 13, 117) }
```

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

```
.border{ border-color:rgb(118, 13, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 13, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 13, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 13, 117); box-shadow:4px 4px 4px 4px rgb(118, 13, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 62.330, 328.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 13, 117) }
```

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

```
.background{ background-color: rgb(118, 13,  
117) }
```

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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