

Converting Colors

CIELCh(28, 59.254, 326.715)

Have a look what the booklet for
CIELCh(28, 59.254, 326.715)
contains.

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Color

CIELCh(28, 59.383, 326.869)

Conversions

Conversions Part 1

Format	Color
Hex	721775
RGB	114, 23, 117
RGB Percent	45%, 9%, 46%
CMY	0.5534, 0.9104, 0.5416
CMYK	0.03, 0.80, 0.00, 0.54
HSL	298°, 67%, 27%
HSV	298°, 80%, 46%
XYZ	10.4307, 5.4574, 17.2971
YIQ	60.9250, 24.0620, 48.5260

Conversions

Conversions Part 2

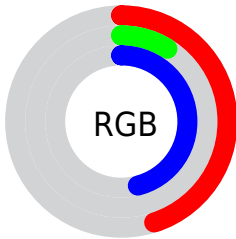
Format	Color
R_{YB}	114, 23, 117
Decimal	7477109
CIE _{Lab}	28.00, 49.73, -32.46
CIE _{LCh}	28, 59.383, 326.869
Y _{xy}	5.4574, 0.3143, 0.1645
Android (android.graphics.Color)	4285667189 (0xFF721775)
YUV	60.9250, 27.6450, 46.5468
Hunter-Lab	23.3610, 38.8184, -27.5471

Details

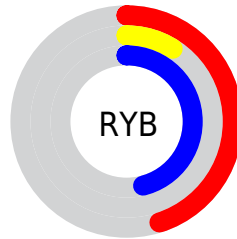
The CIELCh color $[28, 59.383, 326.869]$ is a dark color, and the websafe version is hex $\#660066$. A complement of this color would be $[43, 60.527, 137.059]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[48, 59.368, 326.823]$, and $[12, 44.899, 325.166]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 62.696, 326.975]$, and if you desaturate by 10%, it is $[30, 54.592, 326.662]$.

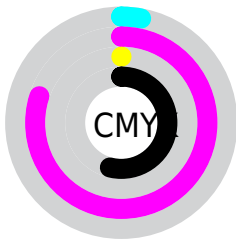
Distribution



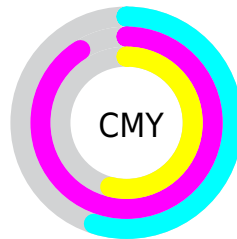
- Red (45%)
- Green (9%)
- Blue (46%)



- Red (45%)
- Yellow (9%)
- Blue (46%)



- Cyan (3%)
- Magenta (80%)
- Yellow (0%)
- Black (54%)





- Cyan (55%)
- Magenta (91%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 59.383, 326.869 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, 59.383, 326.869 by changing the saturation by 10% instead.

 28, 59.383,
326.869


 28, 59.383,
326.869

 100, 59.383,
326.869


 18, 59.383,
326.869


 48, 59.383,
326.869

 8, 59.383, 326.869

 58, 59.383,
326.869

 0, 59.383, 326.869

 68, 59.383,
326.869

 78, 59.383,
326.869

 88, 59.383,
326.869

 98, 59.383,

326.869

■ 28, 59.383,
326.869

■ 28, 59.383,
326.869

■ 27, 62.696,
326.975

■ 30, 54.592,
326.662

■ 26, 65.042,
327.023

■ 32, 48.525,
326.366

■ 34, 41.463,
325.994

■ 37, 33.708,
325.565

■ 39, 25.531,
325.096

■ 43, 17.150,
324.602

■ 46, 8.728, 324.092

■ 49, 0.379, 323.166

■ 52, 7.821, 143.144

Harmonies

Complementary

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



28, 59.383, 326.869



43, 60.527, 137.059

Rectangle

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



28, 59.383, 326.869



28, 59.383, 16.869



28, 59.383, 146.869



28, 59.383, 196.869

Sweetspot

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



28, 59.381, 326.869



54, 25.106, 324.810



17, 61.149, 302.317



26, 17.143, 324.950



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, 59.381, 326.869



35, 78.379, 326.991



26, 44.379, 351.886



23, 4.710, 324.018



28, 67.227, 327.018



58, 113.987, 326.951

Inverse Universe

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



25, 46.673, 30.735



32, 68.262, 37.475



43, 43.718, 152.299



23, 2.751, 17.270



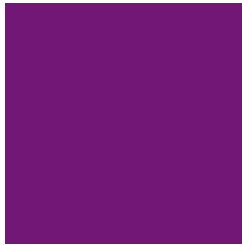
24, 58.151, 36.726



52, 101.740, 39.108

Previews

White Background



This preview shows how the CIELCh color 28, 59.383, 326.869 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, 59.383, 326.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

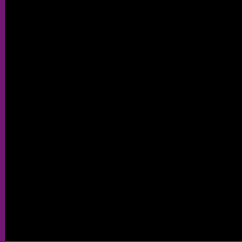
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 59.383, 326.869

Background



This preview shows how black text looks on a background with the CIELCh color 28, 59.383, 326.869.



This preview shows how white text looks on a background with the CIELCh color 28, 59.383, 326.869.

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





Tritanopia
29, 27.592, 21.378

Trichromacy



Original Color
28, 59.383, 326.869

Protanomaly
25, 52.748, 297.492

Deuteranomaly
26, 40.037, 304.634

Tritanomaly
28, 35.651, 349.786

Monochromacy



Original Color
28, 59.383, 326.869

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 25.869, 325.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 59.383, 326.869 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(114, 23, 117)` looks like.

```
.text, #text, p{  
    color:rgb(114, 23, 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(114, 23, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 23, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 59.383, 326.869 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(114, 23, 117) }
```

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

```
.border{ border-color:rgb(114, 23, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 23, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 23, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 23, 117);  
box-shadow:4px 4px 4px 4px rgb(114, 23,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 59.383, 326.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 23, 117) }
```

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

```
.background{ background-color: rgb(114, 23,  
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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