

Converting Colors

CIELCh(27, 58.349, 330.893)

Have a look what the booklet for
CIELCh(27, 58.349, 330.893)
contains.

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Color

CIELCh(27, 58.322, 331.026)

Conversions

Conversions Part 1

Format	Color
Hex	740E6C
RGB	116, 14, 108
RGB Percent	45%, 5%, 42%
CMY	0.5456, 0.9458, 0.5769
CMYK	0.00, 0.88, 0.07, 0.55
HSL	305°, 79%, 25%
HSV	305°, 88%, 45%
XYZ	10.0413, 5.0937, 14.6097
YIQ	55.2140, 30.6180, 50.8580

Conversions

Conversions Part 2

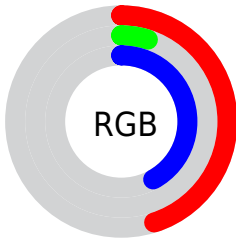
Format	Color
R_{YB}	116, 14, 108
Decimal	7605868
CIE _{Lab}	27.00, 51.02, -28.25
CIE _{LCh}	27, 58.322, 331.026
Yxy	5.0937, 0.3376, 0.1712
Android (android.graphics.Color)	4285795948 (0xFF740E6C)
YUV	55.2140, 26.0235, 53.3093
Hunter-Lab	22.5692, 39.9208, -22.5817




Details

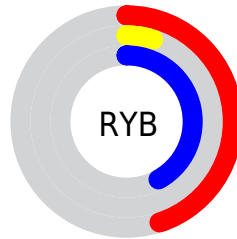
The CIELCh color **27, 58.322, 331.026** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 61.414, 138.120**, and the grayscale version is **23, 0.004, 296.813**.




A 20% lighter version of the original color is **47, 58.193, 330.974**, and **12, 41.119, 329.971** is the 20% darker color. If you saturate the color by 10%, you get **26, 60.449, 331.398**, and if you desaturate by 10%, it is **28, 55.053, 330.628**.

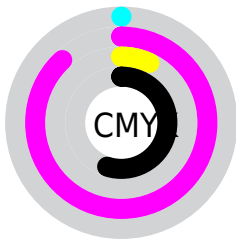
Distribution







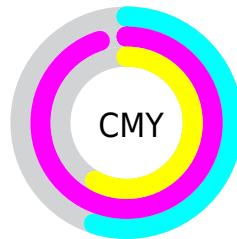
-  Red (45%)
-  Green (5%)
-  Blue (42%)






-  Red (45%)
-  Yellow (5%)
-  Blue (42%)



-  Cyan (0%)
-  Magenta (88%)
-  Yellow (7%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (95%)
-  Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 58.322, 331.026 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, 58.322, 331.026 by changing the saturation by 10% instead.

 27, 58.322,
331.026

 27, 58.322,
331.026

 100, 58.322,
331.026

 17, 58.322,
331.026

 47, 58.322,
331.026


 7, 58.322, 331.026

 57, 58.322,
331.026

 0, 58.322, 331.026

 67, 58.322,
331.026

 77, 58.322,
331.026

 87, 58.322,
331.026

 97, 58.322,

331.026

■ 27, 58.322,
331.026

■ 27, 58.322,
331.026

■ 26, 60.449,
331.398

■ 28, 55.053,
330.628

■ 26, 60.855,
331.468

■ 30, 50.359,
330.194

■ 32, 44.458,
329.723

■ 34, 37.639,
329.220

■ 37, 30.194,
328.691

■ 40, 22.382,
328.147

■ 43, 14.403,
327.594

■ 46, 6.408, 327.032

■ 49, 1.500, 146.647

Harmonies

Complementary

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



27, 58.322, 331.026



42, 61.414, 138.120

Rectangle

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



27, 58.322, 331.026



27, 58.322, 21.026



27, 58.322, 151.026



27, 58.322, 201.026

Sweetspot

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



27, 58.320, 331.026



52, 25.669, 328.069



14, 67.520, 305.081



26, 17.527, 328.217



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



27, 58.320, 331.026



35, 73.388, 331.557



25, 44.671, 1.879



23, 4.510, 327.087



28, 63.265, 331.488



58, 106.908, 331.685

Inverse Universe

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



27, 58.320, 331.026



35, 73.388, 331.557



43, 41.888, 156.123



23, 4.510, 327.087



28, 63.265, 331.488



58, 106.908, 331.685

Previews

White Background



This preview shows how the CIELCh color 27, 58.322, 331.026 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, 58.322, 331.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

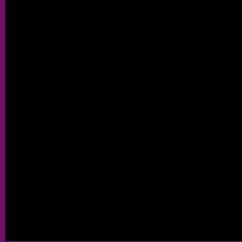
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 58.322, 331.026

Background



This preview shows how black text looks on a background with the CIELCh color 27, 58.322, 331.026.



This preview shows how white text looks on a background with the CIELCh color 27, 58.322, 331.026.

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, 58.322, 331.026

Protanopia

28, 46.169, 285.283

Deuteranopia

28, 23.711, 280.188



Tritanopia
28, 32.289, 23.455

Trichromacy



Original Color
27, 58.322, 331.026

Protanomaly
23, 51.870, 298.811

Deuteranomaly
25, 38.275, 310.352

Tritanomaly
27, 38.232, 355.132

Monochromacy



Original Color
27, 58.322, 331.026

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 26.895, 329.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 58.322, 331.026 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(116, 14, 108)` looks like.

```
.text, #text, p{  
    color:rgb(116, 14, 108)  
}
```

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(116, 14, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 14, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 58.322, 331.026 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(116, 14, 108) }
```

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

```
.border{ border-color:rgb(116, 14, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 14, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 14, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 14, 108);  
box-shadow:4px 4px 4px 4px rgb(116, 14,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 58.322, 331.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 14, 108) }
```

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

```
.background{ background-color: rgb(116, 14,  
108) }
```

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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