

Converting Colors

CIELCh(28, 67.469, 326.901)

Have a look what the booklet for
CIELCh(28, 67.469, 326.901)
contains.

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Color

CIELCh(28, 67.467, 326.978)

Conversions

Conversions Part 1

Format	Color
Hex	78027C
RGB	120, 2, 124
RGB Percent	47%, 1%, 49%
CMY	0.5304, 0.9940, 0.5147
CMYK	0.03, 0.99, 0.00, 0.51
HSL	298°, 98%, 25%
HSV	298°, 99%, 49%
XYZ	11.3506, 5.4574, 19.4456
YIQ	51.1900, 31.1660, 62.9580

Conversions

Conversions Part 2

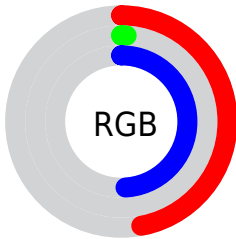
Format	Color
R_{YB}	120, 2, 124
Decimal	7864956
CIE _{Lab}	28.00, 56.57, -36.77
CIE _{LCh}	28, 67.467, 326.978
Yxy	5.4574, 0.3131, 0.1505
Android (android.graphics.Color)	4286055036 (0xFF78027C)
YUV	51.1900, 35.8953, 60.3464
Hunter-Lab	23.3610, 45.8471, -32.9998

Details

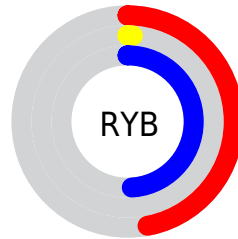
The CIELCh color **28, 67.467, 326.978** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 69.567, 135.878**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 67.354, 327.120**, and **14, 47.536, 324.904** is the 20% darker color. If you saturate the color by 10%, you get **28, 67.767, 326.983**, and if you desaturate by 10%, it is **29, 65.002, 326.938**.

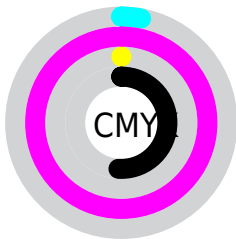
Distribution



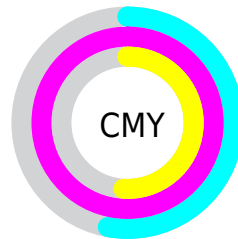
- Red (47%)
- Green (1%)
- Blue (49%)



- Red (47%)
- Yellow (1%)
- Blue (49%)



- Cyan (3%)
- Magenta (99%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (99%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 67.467, 326.978 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, 67.467, 326.978 by changing the saturation by 10% instead.

 28, 67.467,
326.978


 28, 67.467,
326.978

 100, 67.467,
326.978


 18, 67.467,
326.978


 48, 67.467,
326.978

 8, 67.467, 326.978

 58, 67.467,
326.978

 0, 67.467, 326.978

 68, 67.467,
326.978

 78, 67.467,
326.978

 88, 67.467,
326.978

 98, 67.467,

326.978

■ 28, 67.467,
326.978

■ 28, 67.467,
326.978

■ 28, 67.767,
326.983

■ 29, 65.002,
326.938

■ 30, 61.337,
326.820

■ 32, 56.135,
326.602

■ 34, 49.620,
326.293

■ 36, 42.101,
325.911

■ 39, 33.895,
325.473

■ 42, 25.281,
324.998

■ 45, 16.483,
324.498

■ 49, 7.663, 323.983

Harmonies

Complementary

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



28, 67.467, 326.978



45, 69.567, 135.878

Rectangle

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



28, 67.467, 326.978



28, 67.467, 16.978



28, 67.467, 146.978



28, 67.467, 196.978

Sweetspot

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



28, 67.465, 326.978



54, 32.622, 325.093



13, 75.846, 305.477



26, 22.397, 325.260



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



28, 67.465, 326.978



37, 81.932, 326.954



26, 49.988, 357.068



24, 4.880, 323.998



28, 68.234, 326.982



58, 114.873, 326.915

Inverse Universe

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



25, 58.153, 36.566



33, 72.436, 38.391



45, 52.536, 148.610



24, 2.852, 17.205



25, 59.134, 36.875



53, 102.508, 39.096

Previews

White Background



This preview shows how the CIELCh color 28, 67.467, 326.978 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, 67.467, 326.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

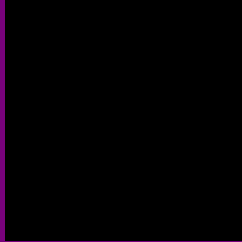
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 67.467, 326.978

Background



This preview shows how black text looks on a background with the CIELCh color 28, 67.467, 326.978.



This preview shows how white text looks on a background with the CIELCh color 28, 67.467, 326.978.

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, 67.467, 326.978

Protanopia

29, 47.743, 285.376

Deuteranopia

29, 30.297, 277.830



Tritanopia
29, 30.496, 22.449

Trichromacy



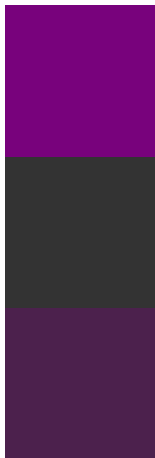
Original Color
28, 67.467, 326.978

Protanomaly
24, 59.868, 301.090

Deuteranomaly
25, 48.523, 306.396

Tritanomaly
27, 41.412, 348.746

Monochromacy



Original Color
28, 67.467, 326.978

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 33.076, 326.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 67.467, 326.978 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(120, 2, 124)` looks like.

```
.text, #text, p{  
    color:rgb(120, 2, 124)  
}
```

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(120, 2, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 2, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 67.467, 326.978 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(120, 2, 124) }
```

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

```
.border{ border-color:rgb(120, 2, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 2, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 2, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 2, 124);  
box-shadow:4px 4px 4px 4px rgb(120, 2,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 67.467, 326.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 2, 124) }
```

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

```
.background{ background-color: rgb(120, 2,  
124) }
```

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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