

Converting Colors

CIELCh(28, 72.210, 318.917)

Have a look what the booklet for
CIELCh(28, 72.210, 318.917)
contains.

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Color

CIELCh(28, 72.253, 318.809)

Conversions

Conversions Part 1

Format	Color
Hex	6B128D
RGB	107, 18, 141
RGB Percent	42%, 7%, 55%
CMY	0.5811, 0.9304, 0.4477
CMYK	0.24, 0.87, 0.00, 0.45
HSL	283°, 78%, 31%
HSV	283°, 87%, 55%
XYZ	11.0495, 5.4574, 25.6035
YIQ	58.6330, 13.5610, 57.1210

Conversions

Conversions Part 2

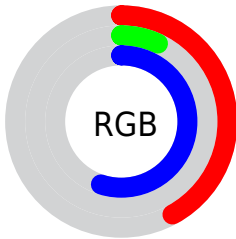
Format	Color
R_{YB}	107, 18, 141
Decimal	7017101
CIE _{Lab}	28.00, 54.37, -47.58
CIE _{LCh}	28, 72.253, 318.809
Yxy	5.4574, 0.2624, 0.1296
Android (android.graphics.Color)	4285207181 (0xFF6B128D)
YUV	58.6330, 40.6069, 42.4179
Hunter-Lab	23.3610, 43.5464, -48.6286

Details

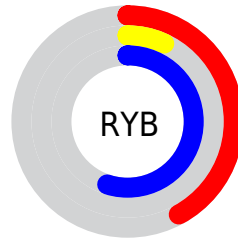
The CIELCh color **28, 72.253, 318.809** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52, 69.825, 132.884**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 72.011, 318.819**, and **13, 56.911, 314.890** is the 20% darker color. If you saturate the color by 10%, you get **26, 75.704, 318.416**, and if you desaturate by 10%, it is **30, 67.112, 318.980**.

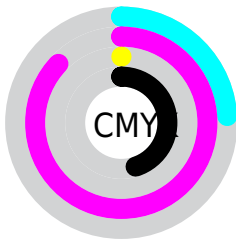
Distribution



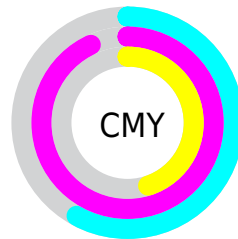
- Red (42%)
- Green (7%)
- Blue (55%)



- Red (42%)
- Yellow (7%)
- Blue (55%)



- Cyan (24%)
- Magenta (87%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (93%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 72.253, 318.809 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, 72.253, 318.809 by changing the saturation by 10% instead.

 28, 72.253,
318.809


 28, 72.253,
318.809

 100, 72.253,
318.809

 18, 72.253,
318.809


 48, 72.253,
318.809

 8, 72.253, 318.809

 58, 72.253,
318.809

 0, 72.253, 318.809

 68, 72.253,
318.809

 78, 72.253,
318.809

 88, 72.253,
318.809

 98, 72.253,

318.809

■ 28, 72.253,
318.809

■ 28, 72.253,
318.809

■ 26, 75.704,
318.416

■ 30, 67.112,
318.980

■ 26, 76.569,
318.318

■ 33, 60.346,
318.933

■ 36, 52.386,
318.727

■ 40, 43.658,
318.412

■ 43, 34.509,
318.032

■ 47, 25.193,
317.616

■ 51, 15.883,
317.189

■ 55, 6.690, 316.759

■ 60, 2.319, 136.441

Harmonies

Complementary

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



28, 72.253, 318.809



52, 69.825, 132.884

Rectangle

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



28, 72.253, 318.809



28, 72.253, 8.809



28, 72.253, 138.809



28, 72.253, 188.809

Sweetspot

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



28, 72.252, 318.809



61, 29.673, 317.581



25, 57.280, 294.467



30, 20.076, 317.708



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



28, 72.252, 318.809



35, 93.161, 318.128



32, 61.150, 337.555



28, 5.175, 316.837



25, 74.301, 318.352



0, 3.464, 316.477

Inverse Universe

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



30, 52.131, 15.798



39, 69.331, 23.193



51, 65.806, 141.279



28, 3.465, 358.406



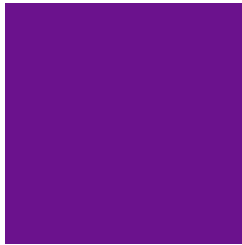
28, 54.854, 21.602



0, 2.297, 357.622

Previews

White Background



This preview shows how the CIELCh color 28, 72.253, 318.809 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, 72.253, 318.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

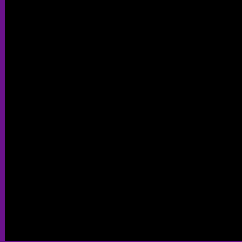
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 72.253, 318.809

Background



This preview shows how black text looks on a background with the CIELCh color 28, 72.253, 318.809.



This preview shows how white text looks on a background with the CIELCh color 28, 72.253, 318.809.

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, 72.253, 318.809

Protanopia
29, 46.628, 284.996

Deuteranopia
28, 34.946, 274.283



Tritanopia
29, 18.058, 14.925

Trichromacy



Original Color
28, 72.253, 318.809

Protanomaly
25, 58.982, 298.773

Deuteranomaly
25, 50.963, 296.704

Tritanomaly
27, 36.229, 332.528

Monochromacy



Original Color
28, 72.253, 318.809

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 32.021, 318.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 72.253, 318.809 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(107, 18, 141)` looks like.

```
.text, #text, p{  
    color:rgb(107, 18, 141)  
}
```

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(107, 18, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 18, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 72.253, 318.809 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(107, 18, 141) }
```

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

```
.border{ border-color:rgb(107, 18, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 18, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 18, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 18, 141);  
box-shadow:4px 4px 4px 4px rgb(107, 18,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 72.253, 318.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 18, 141) }
```

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

```
.background{ background-color: rgb(107, 18,  
141) }
```

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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