

Converting Colors

CIELCh(28, 63.212, 325.695)

Have a look what the booklet for
CIELCh(28, 63.212, 325.695)
contains.

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Color

CIELCh(28, 63.199, 325.727)

Conversions

Conversions Part 1

Format	Color
Hex	73127A
RGB	115, 18, 122
RGB Percent	45%, 7%, 48%
CMY	0.5497, 0.9304, 0.5222
CMYK	0.06, 0.85, 0.00, 0.52
HSL	296°, 75%, 27%
HSV	296°, 85%, 48%
XYZ	10.7605, 5.4574, 18.8422
YIQ	58.8590, 24.4280, 52.9080

Conversions

Conversions Part 2

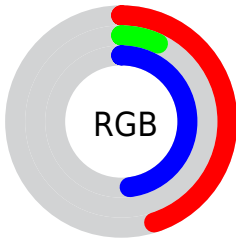
Format	Color
RYB	115, 18, 122
Decimal	7541370
CIELab	28.00, 52.23, -35.59
CIElCh	28, 63.199, 325.727
Yxy	5.4574, 0.3069, 0.1557
Android (android.graphics.Color)	4285731450 (0xFF73127A)
YUV	58.8590, 31.1285, 49.2357
Hunter-Lab	23.3610, 41.3382, -31.4684

Details

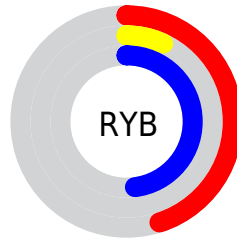
The CIELCh color $[28, 63.199, 325.727]$ is a dark color, and the websafe version is hex $\#660066$. A complement of this color would be $[44, 64.332, 136.283]$, and the grayscale version is $[25, 0.004, 296.813]$.

A 20% lighter version of the original color is $[48, 63.320, 325.733]$, and $[13, 46.852, 323.416]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 65.990, 325.708]$, and if you desaturate by 10%, it is $[29, 58.934, 325.631]$.

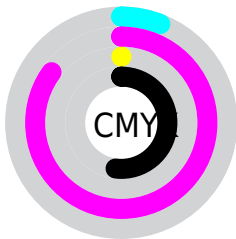
Distribution



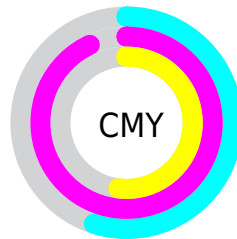
- Red (45%)
- Green (7%)
- Blue (48%)



- Red (45%)
- Yellow (7%)
- Blue (48%)



- Cyan (6%)
- Magenta (85%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (93%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 63.199, 325.727 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, 63.199, 325.727 by changing the saturation by 10% instead.

 28, 63.199,
325.727


 28, 63.199,
325.727

 100, 63.199,
325.727


 18, 63.199,
325.727


 48, 63.199,
325.727

 8, 63.199, 325.727

 58, 63.199,
325.727

 0, 63.199, 325.727

 68, 63.199,
325.727

 78, 63.199,
325.727

 88, 63.199,
325.727

 98, 63.199,

325.727

■ 28, 63.199,
325.727

■ 28, 63.199,
325.727

■ 27, 65.990,
325.708

■ 29, 58.934,
325.631

■ 27, 67.152,
325.693

■ 31, 53.229,
325.421

■ 34, 46.363,
325.116

■ 36, 38.654,
324.737

■ 39, 30.407,
324.306

■ 43, 21.870,
323.840

■ 46, 13.235,
323.356

■ 49, 4.635, 322.850

■ 53, 3.838, 142.454

Harmonies

Complementary

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



28, 63.199, 325.727



44, 64.332, 136.283

Rectangle

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



28, 63.199, 325.727



28, 63.199, 15.727



28, 63.199, 145.727



28, 63.199, 195.727

Sweetspot

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



28, 63.198, 325.727



54, 27.668, 323.897



17, 63.889, 301.993



26, 18.649, 324.026



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



28, 63.198, 325.727



35, 81.158, 325.633



27, 48.208, 349.517



24, 4.829, 323.039



27, 68.385, 325.687



57, 115.147, 325.552

Inverse Universe

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



26, 50.125, 30.461



32, 70.246, 36.886



45, 49.387, 149.005



24, 2.859, 14.415



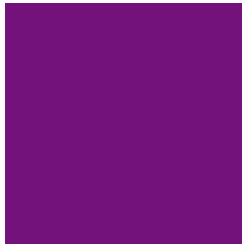
25, 58.180, 35.466



53, 101.108, 38.047

Previews

White Background



This preview shows how the CIELCh color 28, 63.199, 325.727 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, 63.199, 325.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

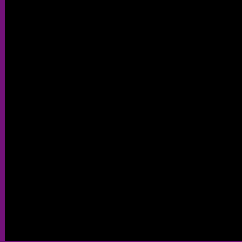
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 63.199, 325.727

Background



This preview shows how black text looks on a background with the CIELCh color 28, 63.199, 325.727.



This preview shows how white text looks on a background with the CIELCh color 28, 63.199, 325.727.

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, 63.199, 325.727

Protanopia

29, 47.219, 285.346

Deuteranopia

29, 30.397, 277.631



Tritanopia
29, 27.592, 21.378

Trichromacy



Original Color
28, 63.199, 325.727

Protanomaly
25, 55.324, 298.738

Deuteranomaly
26, 43.864, 303.546

Tritanomaly
27, 37.233, 347.476

Monochromacy



Original Color
28, 63.199, 325.727

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 28.416, 324.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 63.199, 325.727 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(115, 18, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 18, 122)  
}
```

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(115, 18, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 18, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 63.199, 325.727 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(115, 18, 122) }
```

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

```
.border{ border-color:rgb(115, 18, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 18, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 18, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 18, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 18,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 63.199, 325.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 18, 122) }
```

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

```
.background{ background-color: rgb(115, 18,  
122) }
```

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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