

Converting Colors

CIELCh(37, 28.269, 325.237)

Have a look what the booklet for
CIELCh(37, 28.269, 325.237)
contains.

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Color

CIELCh(37, 28.145, 325.468)

Conversions

Conversions Part 1

Format	Color
Hex	704A71
RGB	112, 74, 113
RGB Percent	44%, 29%, 44%
CMY	0.5607, 0.7097, 0.5568
CMYK	0.01, 0.35, 0.00, 0.56
HSL	298°, 21%, 37%
HSV	298°, 35%, 44%
XYZ	12.1154, 9.5379, 16.8298
YIQ	89.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

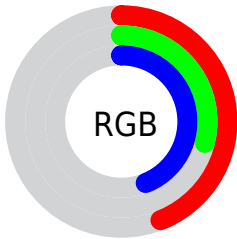
Format	Color
R_{YB}	112, 74, 113
Decimal	7359089
CIE Lab	37.00, 23.19, -15.95
CIE LCh	37, 28.145, 325.468
Yxy	9.5379, 0.3148, 0.2478
Android (android.graphics.Color)	4285549169 (0xFF704A71)
YUV	89.8080, 11.4337, 19.4624
Hunter-Lab	30.8835, 15.9783, -10.6913

Details

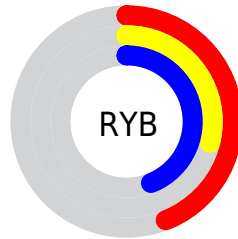
The CIELCh color $37, 28.145, 325.468$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $44, 28.115, 141.509$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 28.384, 325.124$, and $17, 27.851, 325.304$ is the 20% darker color. If you saturate the color by 10%, you get $34, 35.969, 325.926$, and if you desaturate by 10%, it is $40, 20.038, 324.981$.

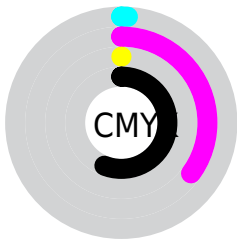
Distribution



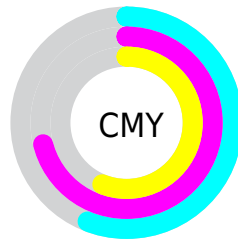
- Red (44%)
- Green (29%)
- Blue (44%)



- Red (44%)
- Yellow (29%)
- Blue (44%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 28.145, 325.468 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 37, 28.145, 325.468 by changing the saturation by 10% instead.

 37, 28.145,
325.468

 37, 28.145,
325.468

 100, 28.145,
325.468

 27, 28.145,
325.468

 57, 28.145,
325.468

 17, 28.145,
325.468

 67, 28.145,
325.468

 7, 28.145, 325.468

 77, 28.145,
325.468

 0, 28.145, 325.468

 87, 28.145,
325.468

 97, 28.145,
325.468

37, 28.145,
325.468

37, 28.145,
325.468

34, 35.969,
325.926

40, 20.038,
324.981

32, 43.282,
326.338

43, 11.832,
324.475

30, 49.806,
326.687

46, 3.656, 323.940

28, 55.250,
326.958

49, 4.402, 143.527

27, 59.367,
327.138

53, 12.288,
143.019

26, 62.112,
327.226

56, 19.968,
142.548

25, 63.480,
327.266

60, 27.427,
142.103

63, 34.660,
141.682

■ 66, 41.669,
141.287

Harmonies

Complementary

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



37, 28.145, 325.468



44, 28.115, 141.509

Rectangle

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



37, 28.145, 325.468



37, 28.145, 15.468



37, 28.145, 145.468



37, 28.145, 195.468

Sweetspot

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



37, 28.143, 325.468



57, 10.146, 324.255



33, 23.727, 293.033



29, 6.882, 324.311



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



37, 28.143, 325.468



46, 41.429, 325.819



36, 20.715, 344.873



22, 4.547, 324.188



27, 66.198, 327.260



58, 113.064, 327.205

Inverse Universe

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



36, 17.870, 20.320



44, 27.102, 21.404



44, 20.034, 158.870



22, 2.649, 17.779



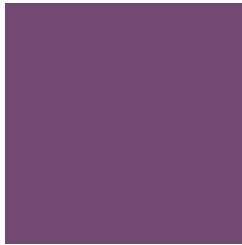
24, 57.305, 36.782



52, 101.176, 39.272

Previews

White Background



This preview shows how the CIELCh color 37, 28.145, 325.468 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 37, 28.145, 325.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

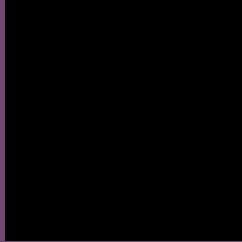
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 28.145, 325.468

Background



This preview shows how black text looks on a background with the CIELCh color 37, 28.145, 325.468.



This preview shows how white text looks on a background with the CIELCh color 37, 28.145, 325.468.

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

37, 28.145, 325.468

Protanopia

37, 22.380, 284.772

Deuteranopia

37, 15.449, 289.830



Tritanopia
37, 12.795, 4.756

Trichromacy



Original Color
37, 28.145, 325.468

Protanomaly
37, 23.125, 300.087

Deuteranomaly
37, 19.214, 306.902

Tritanomaly
37, 17.064, 341.773

Monochromacy



Original Color
37, 28.145, 325.468

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 10.440, 325.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 28.145, 325.468 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(112, 74, 113)` looks like.

```
.text, #text, p{  
    color:rgb(112, 74, 113)  
}
```

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(112, 74, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 74, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 28.145, 325.468 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(112, 74, 113) }
```

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

```
.border{ border-color:rgb(112, 74, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 74, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 74, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 74, 113);  
box-shadow:4px 4px 4px 4px rgb(112, 74,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 28.145, 325.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 74, 113) }
```

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

```
.background{ background-color: rgb(112, 74,  
113) }
```

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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