

Converting Colors

CIELCh(29, 7.250, 339.314)

Have a look what the booklet for
CIELCh(29, 7.250, 339.314) contains.

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Color

CIELCh(29, 6.976, 340.494)

Conversions

Conversions Part 1

Format	Color
Hex	4D4148
RGB	77, 65, 72
RGB Percent	30%, 25%, 28%
CMY	0.6978, 0.7448, 0.7174
CMYK	0.00, 0.16, 0.06, 0.70
HSL	325°, 8%, 28%
HSV	325°, 16%, 30%
XYZ	6.1325, 5.8380, 6.9465
YIQ	69.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

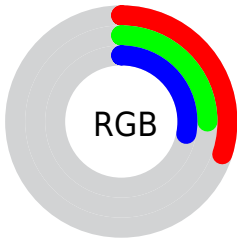
Format	Color
R_{YB}	77, 65, 72
Decimal	5062984
CIE _{Lab}	29.00, 6.58, -2.33
CIE _{LCh}	29, 6.976, 340.494
Yxy	5.8380, 0.3242, 0.3086
Android (android.graphics.Color)	4283253064 (0xFF4D4148)
YUV	69.3860, 1.2887, 6.6775
Hunter-Lab	24.1619, 3.0215, -0.1323




Details

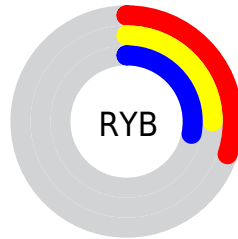
The CIELCh color **29, 6.976, 340.494** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 6.892, 158.327**, and the grayscale version is **29, 0.005, 296.813**.




A 20% lighter version of the original color is **49, 6.696, 342.392**, and **9, 7.614, 338.888** is the 20% darker color. If you saturate the color by 10%, you get **27, 11.524, 341.288**, and if you desaturate by 10%, it is **31, 2.474, 339.726**.

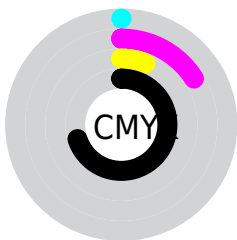
Distribution







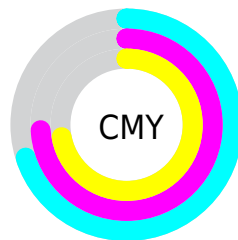
-  Red (30%)
-  Green (25%)
-  Blue (28%)






-  Red (30%)
-  Yellow (25%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (16%)
-  Yellow (6%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (74%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 6.976, 340.494 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 29, 6.976, 340.494 by changing the saturation by 10% instead.

■ 29, 6.976, 340.494

■ 29, 6.976, 340.494

■ 100, 6.976,
340.494

■ 19, 6.976, 340.494

■ 49, 6.976, 340.494

■ 9, 6.976, 340.494

■ 59, 6.976, 340.494

■ 0, 6.976, 340.494

■ 69, 6.976, 340.494

■ 79, 6.976, 340.494

■ 89, 6.976, 340.494

■ 99, 6.976, 340.494

■ 29, 6.976, 340.494

■ 29, 6.976, 340.494

27, 11.524,
341.288

31, 2.474, 339.726

24, 16.060,
342.147

34, 1.937, 159.233

22, 20.489,
343.095

36, 6.238, 158.542

20, 24.683,
344.161

39, 10.415,
157.947

18, 28.478,
345.383

41, 14.467,
157.395

17, 31.687,
346.815

44, 18.394,
156.879

16, 34.128,
348.531

46, 22.201,
156.395

15, 36.124,
350.388

49, 25.895,
155.940

14, 37.105,

51, 29.483,
155.511

351.141

Harmonies

Complementary

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



29, 6.976, 340.494



32, 6.892, 158.327

Rectangle

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



29, 6.976, 340.494



29, 6.976, 30.494



29, 6.976, 160.494



29, 6.976, 210.494

Sweetspot

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



29, 6.975, 340.496



41, 2.741, 339.693



28, 8.081, 306.812



20, 1.886, 339.726



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 6.975, 340.496



36, 10.541, 340.815



29, 5.506, 13.650



14, 2.470, 339.970



21, 44.711, 352.396



50, 79.949, 354.867

Inverse Universe

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



29, 6.975, 340.496



36, 10.541, 340.815



32, 5.104, 191.522



14, 2.470, 339.970



21, 44.711, 352.396



50, 79.949, 354.867

Previews

White Background



This preview shows how the CIELCh color 29, 6.976, 340.494 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 CIE LCh color 29, 6.976, 340.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

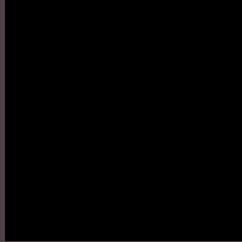
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 6.976, 340.494

Background



This preview shows how black text looks on a background with the CIELCh color 29, 6.976, 340.494.

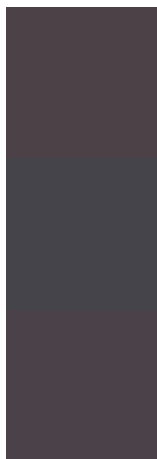


This preview shows how white text looks on a background with the CIELCh color 29, 6.976, 340.494.

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

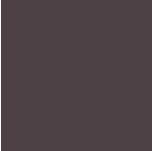
29, 6.976, 340.494

Protanopia

29, 3.866, 290.920

Deuteranopia

29, 5.249, 332.939



Tritanopia
29, 6.259, 349.661

Trichromacy



Original Color

29, 6.976, 340.494

Protanomaly

29, 4.262, 314.953

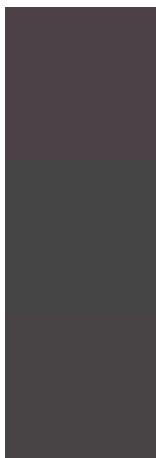
Deuteranomaly

29, 5.556, 336.398

Tritanomaly

29, 6.595, 344.822

Monochromacy



Original Color

29, 6.976, 340.494

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 2.200, 343.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 6.976, 340.494 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(77, 65, 72)` looks like.

```
.text, #text, p{  
    color:rgb(77, 65, 72)  
}
```

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(77, 65, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 65, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 6.976, 340.494 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(77, 65, 72) }
```

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

```
.border{ border-color:rgb(77, 65, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 65, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 65, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 65, 72);  
box-shadow:4px 4px 4px 4px rgb(77, 65, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 6.976, 340.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 65, 72) }
```

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

```
.background{ background-color: rgb(77, 65,  
72) }
```

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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