

Converting Colors

CIELCh(29, 5.014, 331.173)

Have a look what the booklet for
CIELCh(29, 5.014, 331.173) contains.

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Color

CIELCh(29, 5.249, 332.939)

Conversions

Conversions Part 1

Format	Color
Hex	4A4248
RGB	74, 66, 72
RGB Percent	29%, 26%, 28%
CMY	0.7094, 0.7408, 0.7172
CMYK	0.00, 0.11, 0.03, 0.71
HSL	315°, 6%, 27%
HSV	315°, 11%, 29%
XYZ	5.9597, 5.8380, 6.9618
YIQ	69.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

Format	Color
R_YB	74, 66, 72
Decimal	4866632
CIE Lab	29.00, 4.67, -2.39
CIE LCh	29, 5.249, 332.939
Yxy	5.8380, 0.3177, 0.3112
Android (android.graphics.Color)	4283056712 (0xFF4A4248)
YUV	69.0760, 1.4415, 4.3183
Hunter-Lab	24.1619, 1.7451, -0.1698

Details

The CIELCh color **29, 5.249, 332.939** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 5.227, 151.718**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 5.081, 336.108**, and **9, 5.712, 329.612** is the 20% darker color. If you saturate the color by 10%, you get **27, 10.160, 333.564**, and if you desaturate by 10%, it is **31, 0.387, 331.979**.

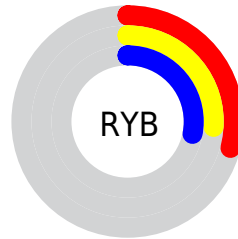
Distribution



Red (29%)

Green (26%)

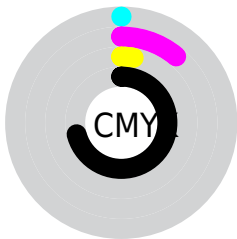
Blue (28%)



Red (29%)

Yellow (26%)

Blue (28%)

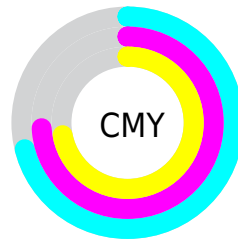


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 5.249, 332.939 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, 5.249, 332.939 by changing the saturation by 10% instead.

■ 29, 5.249, 332.939

■ 29, 5.249, 332.939

■ 100, 5.249,
332.939

■ 19, 5.249, 332.939

■ 49, 5.249, 332.939

■ 9, 5.249, 332.939

■ 59, 5.249, 332.939

■ 0, 5.249, 332.939

■ 69, 5.249, 332.939

■ 79, 5.249, 332.939

■ 89, 5.249, 332.939

■ 99, 5.249, 332.939

■ 29, 5.249, 332.939

■ 29, 5.249, 332.939

27, 10.160,
333.564

31, 0.387, 331.979

25, 15.065,
334.206

34, 4.384, 151.870

22, 19.879,
334.876

36, 9.045, 151.321

21, 24.485,
335.579

38, 13.583,
150.812

19, 28.733,
336.324

41, 17.995,
150.330

17, 32.445,
337.125

43, 22.281,
149.874

16, 35.436,
338.003

46, 26.446,
149.442

15, 37.658,
338.966

48, 30.494,
149.033

14, 39.755,

51, 34.433,
148.647

339.797

Harmonies

Complementary

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



29, 5.249, 332.939



31, 5.227, 151.718

Rectangle

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



29, 5.249, 332.939



29, 5.249, 22.939



29, 5.249, 152.939



29, 5.249, 202.939

Sweetspot

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



29, 5.248, 332.941



40, 1.813, 332.416



28, 5.258, 300.536



19, 1.356, 332.466



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



29, 5.248, 332.941



37, 7.904, 333.109



29, 3.820, 0.379



14, 2.781, 332.809



21, 49.173, 340.464



52, 87.925, 341.599

Inverse Universe

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



29, 5.248, 332.941



37, 7.904, 333.109



31, 3.696, 178.698



14, 2.781, 332.809



21, 49.173, 340.464



52, 87.925, 341.599

Previews

White Background



This preview shows how the CIELCh color 29, 5.249, 332.939 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, 5.249, 332.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

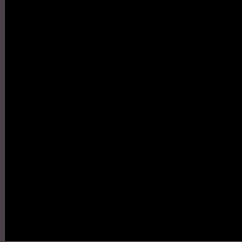
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 5.249, 332.939

Background



This preview shows how black text looks on a background with the CIELCh color 29, 5.249, 332.939.

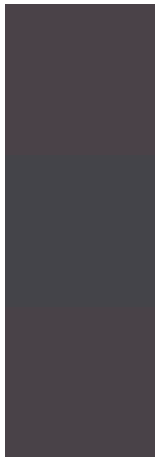


This preview shows how white text looks on a background with the CIELCh color 29, 5.249, 332.939.

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, 5.249, 332.939

Protanopia

29, 3.222, 290.800

Deuteranopia

29, 4.963, 329.091



Tritanopia
29, 4.802, 338.163

Trichromacy



Original Color

29, 5.249, 332.939

Protanomaly

29, 4.101, 309.380

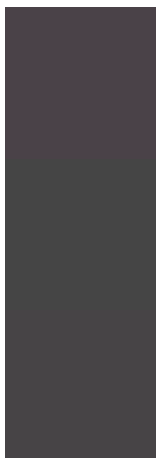
Deuteranomaly

29, 4.963, 329.091

Tritanomaly

29, 4.802, 338.163

Monochromacy



Original Color

29, 5.249, 332.939

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 1.859, 335.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 5.249, 332.939 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(74, 66, 72)` looks like.

```
.text, #text, p{  
    color:rgb(74, 66, 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(74, 66, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 66, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 5.249, 332.939 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(74, 66, 72) }
```

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

```
.border{ border-color:rgb(74, 66, 72) }
```

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

Here you see how a box with a 4 pixel rgb(74, 66, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 66, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 66, 72);  
box-shadow:4px 4px 4px 4px rgb(74, 66, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 5.249, 332.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 66, 72) }
```

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

```
.background{ background-color: rgb(74, 66,  
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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