

Converting Colors

CIELCh(29, 13.574, 146.903)

Have a look what the booklet for
CIELCh(29, 13.574, 146.903)
contains.

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Color

CIELCh(29, 13.368, 147.469)

Conversions

Conversions Part 1

Format	Color
Hex	364939
RGB	54, 73, 57
RGB Percent	21%, 29%, 22%
CMY	0.7884, 0.7139, 0.7766
CMYK	0.26, 0.00, 0.22, 0.71
HSL	129°, 15%, 25%
HSV	129°, 26%, 29%
XYZ	4.6367, 5.8380, 4.7483
YIQ	65.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

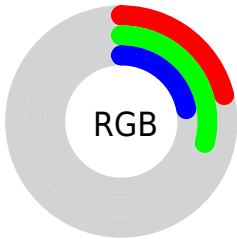
Format	Color
RYB	54, 70, 73
Decimal	3557689
CIELab	29.00, -11.27, 7.19
CIELCh	29, 13.368, 147.469
Yxy	5.8380, 0.3046, 0.3835
Android (android.graphics.Color)	4281747769 (0xFF364939)
YUV	65.4950, -4.1880, -10.0811
Hunter-Lab	24.1619, -8.0291, 5.2616

Details

The CIELCh color **29, 13.368, 147.469** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 13.407, 330.515**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 13.640, 147.536**, and **9, 13.243, 147.688** is the 20% darker color. If you saturate the color by 10%, you get **28, 18.474, 146.663**, and if you desaturate by 10%, it is **30, 8.216, 148.177**.

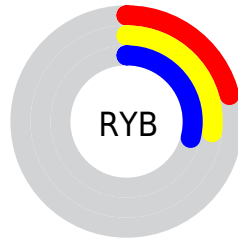
Distribution



Red (21%)

Green (29%)

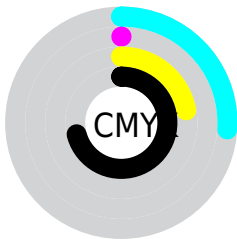
Blue (22%)



Red (21%)

Yellow (27%)

Blue (29%)

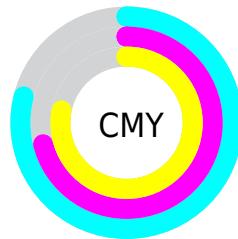


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 13.368, 147.469 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, 13.368, 147.469 by changing the saturation by 10% instead.

■ 29, 13.368,
147.469

■ 29, 13.368,
147.469

■ 100, 13.368,
147.469

■ 19, 13.368,
147.469

■ 49, 13.368,
147.469

■ 9, 13.368, 147.469

■ 59, 13.368,
147.469

■ 0, 13.368, 147.469

■ 69, 13.368,
147.469

■ 79, 13.368,
147.469

■ 89, 13.368,
147.469

■ 99, 13.368,

147.469

■ 29, 13.368,
147.469

■ 29, 13.368,
147.469

■ 28, 18.474,
146.663

■ 30, 8.216, 148.177

■ 28, 23.461,
145.744

■ 31, 3.076, 148.818

■ 31, 2.008, 329.232

■ 27, 28.243,
144.704

■ 32, 7.000, 329.751

■ 27, 32.726,
143.542

■ 33, 11.879,
330.171

■ 27, 36.809,
142.271

■ 34, 16.630,
330.538

■ 26, 40.387,
140.923

■ 35, 21.242,
330.862

■ 26, 43.523,
139.795

■ 36, 25.715,
331.150

■ 26, 44.668,
139.487

■ 38, 30.047,
331.408

Harmonies

Complementary

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



29, 13.368, 147.469



25, 13.407, 330.515

Rectangle

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



29, 13.368, 147.469



29, 13.368, 197.469



29, 13.368, 327.469



29, 13.368, 17.469

Sweetspot

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



29, 13.369, 147.469



39, 5.050, 148.674



30, 12.087, 114.319



19, 3.621, 148.614



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, 13.369, 147.469



37, 19.686, 146.987



29, 9.235, 170.369



14, 2.792, 148.657



36, 56.300, 138.692



79, 105.637, 137.568

Inverse Universe

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



25, 13.407, 330.515



32, 19.739, 330.865



25, 9.769, 354.958



13, 2.799, 329.527



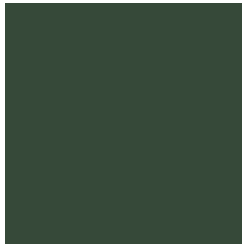
21, 51.565, 335.204



52, 93.392, 335.819

Previews

White Background



This preview shows how the CIE LCh color 29, 13.368, 147.469 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 29, 13.368, 147.469 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, 13.368, 147.469

Background



This preview shows how black text looks on a background with the CIELCh color 29, 13.368, 147.469.

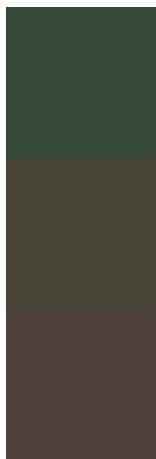


This preview shows how white text looks on a background with the CIELCh color 29, 13.368, 147.469.

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

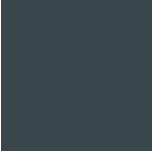
29, 13.368, 147.469

Protanopia

29, 8.538, 95.691

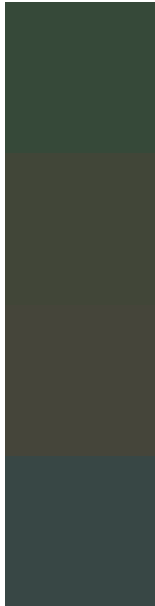
Deuteranopia

29, 7.264, 58.027



Tritanopia
29, 6.459, 235.717

Trichromacy



Original Color
29, 13.368, 147.469

Protanomaly
29, 9.253, 122.996

Deuteranomaly
29, 7.037, 108.814

Tritanomaly
29, 6.509, 186.939

Monochromacy



Original Color
29, 13.368, 147.469

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 5.012, 148.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 13.368, 147.469 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(54, 73, 57)` looks like.

```
.text, #text, p{  
    color:rgb(54, 73, 57)  
}
```

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(54, 73, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 73, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 13.368, 147.469 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(54, 73, 57) }
```

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

```
.border{ border-color:rgb(54, 73, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 73, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 73, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 73, 57);  
box-shadow:4px 4px 4px 4px rgb(54, 73, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 13.368, 147.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 73, 57) }
```

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

```
.background{ background-color: rgb(54, 73,  
57) }
```

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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