

Converting Colors

CIELCh(29, 11.622, 141.983)

Have a look what the booklet for
CIELCh(29, 11.622, 141.983)
contains.

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Color

CIELCh(29, 11.549, 141.575)

Conversions

Conversions Part 1

Format	Color
Hex	3A4839
RGB	58, 72, 57
RGB Percent	23%, 28%, 22%
CMY	0.7724, 0.7174, 0.7763
CMYK	0.19, 0.00, 0.21, 0.72
HSL	116°, 12%, 25%
HSV	116°, 21%, 28%
XYZ	4.8080, 5.8380, 4.7506
YIQ	66.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

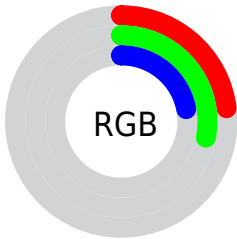
Format	Color
RYB	57, 72, 71
Decimal	3819577
CIELab	29.00, -9.05, 7.18
CIELCh	29, 11.549, 141.575
Yxy	5.8380, 0.3123, 0.3792
Android (android.graphics.Color)	4282009657 (0xFF3A4839)
YUV	66.1040, -4.4883, -7.1072
Hunter-Lab	24.1619, -6.7636, 5.2561

Details

The CIELCh color **29, 11.549, 141.575** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 11.586, 323.570**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 11.967, 142.118**, and **9, 12.152, 141.361** is the 20% darker color. If you saturate the color by 10%, you get **28, 17.108, 140.937**, and if you desaturate by 10%, it is **30, 5.978, 142.141**.

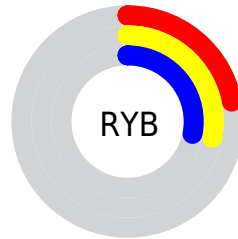
Distribution



Red (23%)

Green (28%)

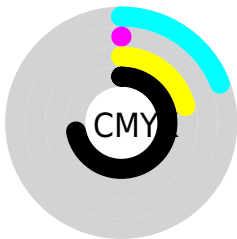
Blue (22%)



Red (22%)

Yellow (28%)

Blue (28%)

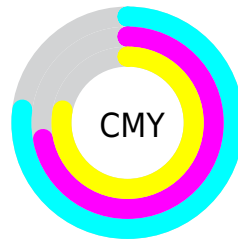


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 11.549, 141.575 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, 11.549, 141.575 by changing the saturation by 10% instead.

■ 29, 11.549,
141.575

■ 29, 11.549,
141.575

■ 100, 11.549,
141.575

■ 19, 11.549,
141.575

■ 49, 11.549,
141.575

■ 9, 11.549, 141.575

■ 59, 11.549,
141.575

■ 0, 11.549, 141.575

■ 69, 11.549,
141.575

■ 79, 11.549,
141.575

■ 89, 11.549,
141.575

■ 99, 11.549,

141.575

■ 29, 11.549,
141.575

■ 29, 11.549,
141.575

■ 28, 17.108,
140.937

■ 30, 5.978, 142.141

■ 31, 0.447, 142.867

■ 28, 22.580,
140.221

■ 31, 5.002, 323.001

■ 27, 27.872,
139.433

■ 32, 10.341,
323.374

■ 27, 32.865,
138.594

■ 33, 15.552,
323.689

■ 26, 37.414,
137.746

■ 34, 20.624,
323.959

■ 26, 41.345,
136.959

■ 35, 25.552,
324.192

■ 26, 44.583,
136.228

■ 37, 30.335,
324.392

■ 26, 47.473,
135.382

■ 38, 34.974,
324.566

Harmonies

Complementary

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



29, 11.549, 141.575



26, 11.586, 323.570

Rectangle

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



29, 11.549, 141.575



29, 11.549, 191.575



29, 11.549, 321.575



29, 11.549, 11.575

Sweetspot

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



29, 11.550, 141.575



39, 4.131, 142.386



30, 8.914, 105.463



20, 2.764, 142.373



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, 11.550, 141.575



38, 17.355, 141.255



29, 8.606, 158.701



14, 3.050, 142.261



36, 59.576, 135.446



79, 109.340, 135.791

Inverse Universe

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



26, 11.586, 323.570



33, 17.415, 323.804



26, 8.751, 341.718



13, 3.058, 323.003



21, 58.138, 325.774



51, 106.236, 325.594

Previews

White Background



This preview shows how the CIELCh color 29, 11.549, 141.575 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, 11.549, 141.575 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

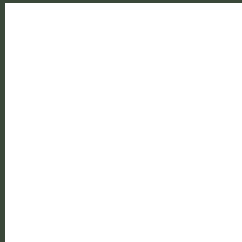
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 11.549, 141.575

Background



This preview shows how black text looks on a background with the CIELCh color 29, 11.549, 141.575.

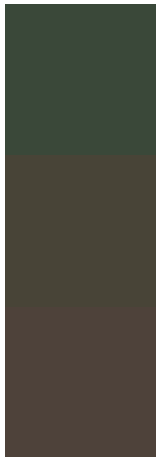


This preview shows how white text looks on a background with the CIELCh color 29, 11.549, 141.575.

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](#).

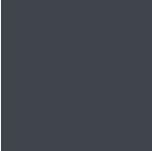
Dichromacy



Original Color
29, 11.549, 141.575

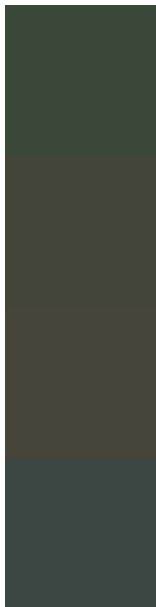
Protanopia
29, 8.538, 95.691

Deuteranopia
29, 7.704, 61.535



Tritanopia
29, 4.872, 240.470

Trichromacy



Original Color
29, 11.549, 141.575

Protanomaly
29, 8.372, 114.975

Deuteranomaly
29, 6.558, 96.568

Tritanomaly
29, 5.162, 176.638

Monochromacy



Original Color
29, 11.549, 141.575

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 3.946, 144.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 11.549, 141.575 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(58, 72, 57)` looks like.

```
.text, #text, p{  
    color:rgb(58, 72, 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(58, 72, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 72, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 11.549, 141.575 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(58, 72, 57) }
```

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

```
.border{ border-color:rgb(58, 72, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 72, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 72, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 72, 57);  
box-shadow:4px 4px 4px 4px rgb(58, 72, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 11.549, 141.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 72, 57) }
```

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

```
.background{ background-color: rgb(58, 72,  
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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