

Converting Colors

CIELCh(29, 28.001, 142.022)

Have a look what the booklet for
CIELCh(29, 28.001, 142.022)
contains.

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Color

CIELCh(29, 28.203, 142.318)

Conversions

Conversions Part 1

Format	Color
Hex	274D29
RGB	39, 77, 41
RGB Percent	15%, 30%, 16%
CMY	0.8485, 0.6995, 0.8405
CMYK	0.50, 0.00, 0.47, 0.70
HSL	123°, 33%, 23%
HSV	123°, 50%, 30%
XYZ	3.8452, 5.8380, 2.9910
YIQ	61.5340, -11.0920, -19.2520

Conversions

Conversions Part 2

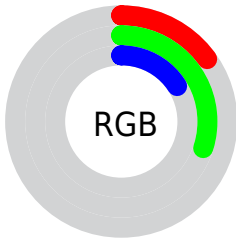
Format	Color
RYB	39, 75, 77
Decimal	2575657
CIELab	29.00, -22.32, 17.24
CIElCh	29, 28.203, 142.318
Yxy	5.8380, 0.3034, 0.4606
Android (android.graphics.Color)	4280765737 (0xFF274D29)
YUV	61.5340, -10.1233, -19.7623
Hunter-Lab	24.1619, -13.8761, 9.5738

Details

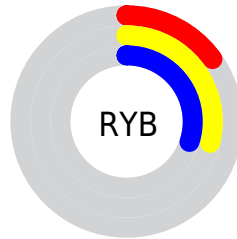
The CIELCh color **29, 28.203, 142.318** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 28.100, 328.377**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 27.834, 142.372**, and **10, 24.116, 144.119** is the 20% darker color. If you saturate the color by 10%, you get **29, 33.389, 141.292**, and if you desaturate by 10%, it is **30, 22.712, 143.245**.

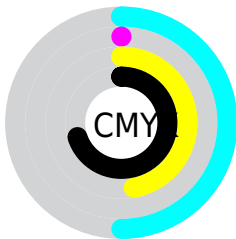
Distribution



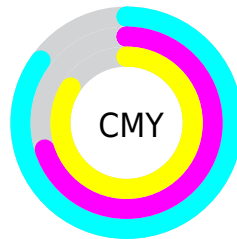
- Red (15%)
- Green (30%)
- Blue (16%)



- Red (15%)
- Yellow (29%)
- Blue (30%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (70%)




- Cyan (85%)
- Magenta (70%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 28.203, 142.318 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, 28.203, 142.318 by changing the saturation by 10% instead.

 29, 28.203,
142.318


 29, 28.203,
142.318

 100, 28.203,
142.318


 19, 28.203,
142.318


 49, 28.203,
142.318


 9, 28.203, 142.318

 59, 28.203,
142.318

 0, 28.203, 142.318

 69, 28.203,
142.318

 79, 28.203,
142.318

 89, 28.203,
142.318

 99, 28.203,

142.318

■ 29, 28.203,
142.318

■ 29, 28.203,
142.318

■ 29, 33.389,
141.292

■ 30, 22.712,
143.245

■ 28, 38.128,
140.189

■ 30, 17.033,
144.065

■ 28, 42.267,
139.061

■ 31, 11.265,
144.783

■ 28, 45.652,
138.005

■ 32, 5.487, 145.414

■ 27, 48.652,
137.210

■ 33, 0.241, 325.358

■ 34, 5.873, 326.362

■ 27, 48.783,
137.174

■ 35, 11.381,
326.772

■ 36, 16.744,
327.121

■ 37, 21.950,
327.424

Harmonies

Complementary

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



29, 28.203, 142.318



22, 28.100, 328.377

Rectangle

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



29, 28.203, 142.318



29, 28.203, 192.318



29, 28.203, 322.318



29, 28.203, 12.318

Sweetspot

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



29, 28.204, 142.318



41, 10.690, 145.046



32, 23.366, 108.223



20, 7.357, 144.972



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, 28.204, 142.318



37, 41.505, 141.008



29, 19.197, 161.783



15, 3.188, 145.470



37, 59.860, 136.874



80, 109.713, 136.349

Inverse Universe

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



22, 28.100, 328.377



27, 41.074, 328.942



21, 20.536, 351.356



14, 3.194, 326.313



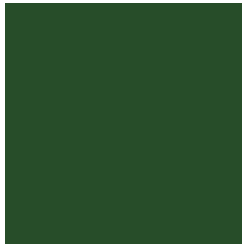
23, 56.684, 330.346



54, 102.285, 330.508

Previews

White Background



This preview shows how the CIE LCh color 29, 28.203, 142.318 looks on a white background.

Color Contrast Check

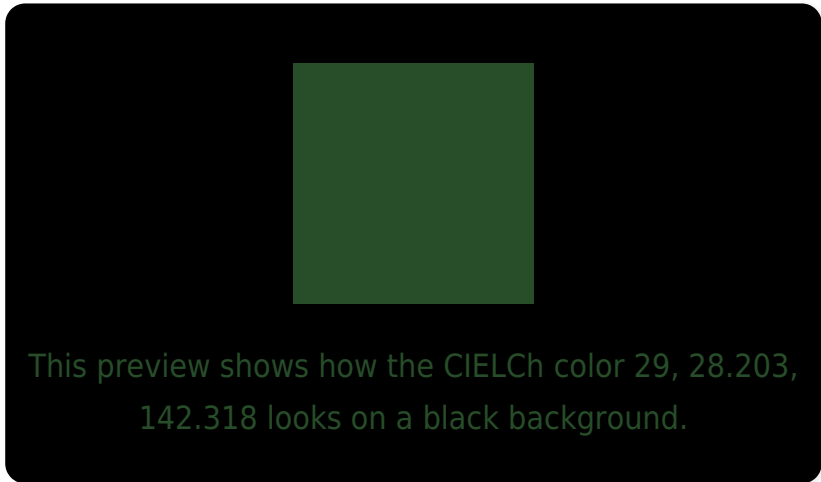
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 28.203, 142.318

Background



This preview shows how black text looks on a background with the CIELCh color 29, 28.203, 142.318.



This preview shows how white text looks on a background with the CIELCh color 29, 28.203, 142.318.

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, 28.203, 142.318

Protanopia

29, 19.300, 95.843

Deuteranopia

29, 16.664, 76.310



Tritanopia
29, 10.226, 220.469

Trichromacy



Original Color
29, 28.203, 142.318

Protanomaly
29, 20.555, 118.713

Deuteranomaly
28, 17.148, 111.774

Tritanomaly
29, 14.087, 169.990

Monochromacy



Original Color
29, 28.203, 142.318

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 10.615, 145.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 28.203, 142.318 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(39, 77, 41)` looks like.

```
.text, #text, p{  
    color:rgb(39, 77, 41)  
}
```

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(39, 77, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 77, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 28.203, 142.318 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(39, 77, 41) }
```

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

```
.border{ border-color:rgb(39, 77, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 77, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 77, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 77, 41);  
box-shadow:4px 4px 4px 4px rgb(39, 77, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 28.203, 142.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 77, 41) }
```

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

```
.background{ background-color: rgb(39, 77,  
41) }
```

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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