

Converting Colors

CIELCh(16, 29.077, 315.706)

Have a look what the booklet for
CIELCh(16, 29.077, 315.706)
contains.

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Color

CIELCh(16, 29.202, 315.529)

Conversions

Conversions Part 1

Format	Color
Hex	361D45
RGB	54, 29, 69
RGB Percent	21%, 11%, 27%
CMY	0.7879, 0.8860, 0.7291
CMYK	0.22, 0.58, 0.00, 0.73
HSL	278°, 41%, 19%
HSV	278°, 58%, 27%
XYZ	3.0432, 2.0993, 5.8877
YIQ	41.0350, 2.0600, 17.7400

Conversions

Conversions Part 2

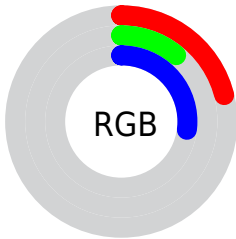
Format	Color
RYB	54, 29, 69
Decimal	3546437
CIELab	16.00, 20.84, -20.46
CIELCh	16, 29.202, 315.529
Yxy	2.0993, 0.2759, 0.1903
Android (android.graphics.Color)	4281736517 (0xFF361D45)
YUV	41.0350, 13.7867, 11.3703
Hunter-Lab	14.4890, 12.1357, -13.9508

Details

The CIELCh color **16, 29.202, 315.529** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 27.747, 130.882**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 29.291, 315.232**, and **1, 13.723, 290.180** is the 20% darker color. If you saturate the color by 10%, you get **14, 33.985, 315.816**, and if you desaturate by 10%, it is **18, 24.185, 315.174**.

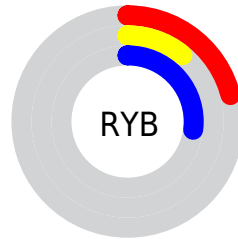
Distribution



Red (21%)

Green (11%)

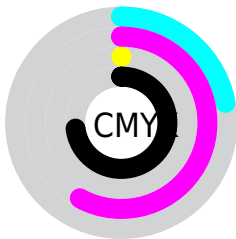
Blue (27%)



Red (21%)

Yellow (11%)

Blue (27%)

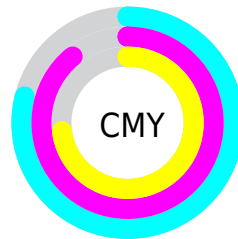


Cyan (22%)

Magenta (58%)

Yellow (0%)

Black (73%)



Cyan (79%)

Magenta (89%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 29.202, 315.529 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 16, 29.202, 315.529 by changing the saturation by 10% instead.

■ 16, 29.202,
315.529

■ 16, 29.202,
315.529

■ 100, 29.202,
315.529

■ 6, 29.202, 315.529

■ 36, 29.202,
315.529

■ 0, 29.202, 315.529

■ 46, 29.202,
315.529


■ 56, 29.202,
315.529


■ 66, 29.202,
315.529


■ 76, 29.202,
315.529


■ 86, 29.202,


315.529


 96, 29.202,
315.529


 16, 29.202,
315.529


 16, 29.202,
315.529


 14, 33.985,
315.816

 18, 24.185,
315.174

 12, 38.357,
315.992

 20, 19.068,
314.782

 11, 42.135,
316.016

 23, 13.942,
314.379

 9, 46.164, 316.196

 25, 8.866, 313.978

 9, 47.103, 316.272

 27, 3.877, 313.584

 30, 1.005, 133.315

■ 32, 5.767, 132.917

■ 35, 10.407,
132.601

■ 37, 14.922,
132.315

Harmonies

Complementary

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



16, 29.202, 315.529



26, 27.747, 130.882

Rectangle

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



16, 29.202, 315.529



16, 29.202, 5.529



16, 29.202, 135.529



16, 29.202, 185.529

Sweetspot

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



16, 29.201, 315.529



33, 10.406, 313.968



18, 17.546, 276.677



16, 7.026, 313.998



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



16, 29.201, 315.529



19, 42.499, 315.899



18, 28.458, 330.825



13, 2.808, 313.613



15, 60.651, 315.729



40, 111.383, 314.968

Inverse Universe

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



17, 21.202, 357.538



21, 30.582, 0.261



26, 28.653, 143.325



13, 2.030, 351.611



19, 42.442, 10.638



48, 78.257, 14.888

Previews

White Background



This preview shows how the CIE LCh color 16, 29.202, 315.529 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 16, 29.202, 315.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

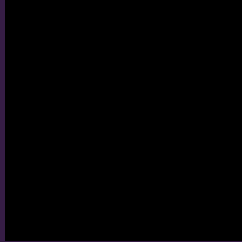
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 29.202, 315.529

Background



This preview shows how black text looks on a background with the CIELCh color 16, 29.202, 315.529.



This preview shows how white text looks on a background with the CIELCh color 16, 29.202, 315.529.

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

16, 29.202, 315.529

Protanopia

16, 28.171, 284.735

Deuteranopia

16, 18.750, 276.370



Tritanopia
16, 6.273, 1.591

Trichromacy



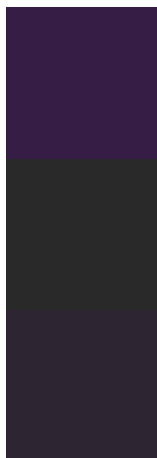
Original Color
16, 29.202, 315.529

Protanomaly
15, 28.052, 294.009

Deuteranomaly
16, 21.718, 292.881

Tritanomaly
16, 14.153, 325.951

Monochromacy



Original Color
16, 29.202, 315.529

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 10.654, 314.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 29.202, 315.529 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, 29, 69)` looks like.

```
.text, #text, p{  
    color:rgb(54, 29, 69)  
}
```

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, 29, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 29, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 29.202, 315.529 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, 29, 69) }
```

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

```
.border{ border-color:rgb(54, 29, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 29, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 29, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 29, 69);  
box-shadow:4px 4px 4px 4px rgb(54, 29, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 29.202, 315.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 29, 69) }
```

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

```
.background{ background-color: rgb(54, 29,  
69) }
```

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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