

Converting Colors

CIELCh(16, 30.459, 318.857)

Have a look what the booklet for
CIELCh(16, 30.459, 318.857)
contains.

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Color

CIELCh(16, 30.875, 318.385)

Conversions

Conversions Part 1

Format	Color
Hex	391B45
RGB	57, 27, 69
RGB Percent	22%, 11%, 27%
CMY	0.7757, 0.8934, 0.7287
CMYK	0.17, 0.61, 0.00, 0.73
HSL	283°, 44%, 19%
HSV	283°, 61%, 27%
XYZ	3.1741, 2.0993, 5.8988
YIQ	40.7580, 4.3980, 19.4220

Conversions

Conversions Part 2

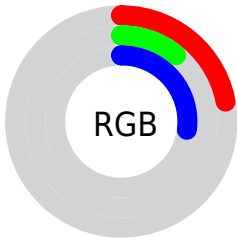
Format	Color
R_{YB}	57, 27, 69
Decimal	3742533
CIE _{Lab}	16.00, 23.08, -20.50
CIE _{LCh}	16, 30.875, 318.385
Yxy	2.0993, 0.2841, 0.1879
Android (android.graphics.Color)	4281932613 (0xFF391B45)
YUV	40.7580, 13.9233, 14.2442
Hunter-Lab	14.4890, 13.7481, -13.9961

Details

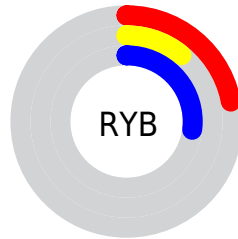
The CIELCh color **16, 30.875, 318.385** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 29.804, 133.392**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 31.086, 317.869**, and **1, 13.723, 290.180** is the 20% darker color. If you saturate the color by 10%, you get **14, 35.435, 318.603**, and if you desaturate by 10%, it is **18, 25.967, 318.084**.

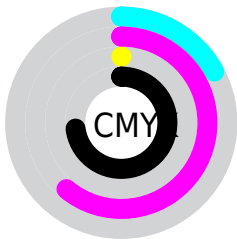
Distribution



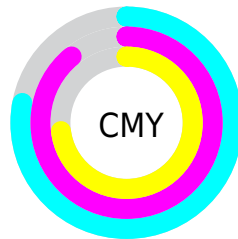
- Red (22%)
- Green (11%)
- Blue (27%)



- Red (22%)
- Yellow (11%)
- Blue (27%)



- Cyan (17%)
- Magenta (61%)
- Yellow (0%)
- Black (73%)





- Cyan (78%)
- Magenta (89%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 30.875, 318.385 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, 30.875, 318.385 by changing the saturation by 10% instead.

 16, 30.875,
318.385


 16, 30.875,
318.385


 100, 30.875,
318.385


 6, 30.875, 318.385


 36, 30.875,
318.385

 0, 30.875, 318.385

 46, 30.875,
318.385


 56, 30.875,
318.385


 66, 30.875,
318.385


 76, 30.875,
318.385


 86, 30.875,


318.385


 96, 30.875,
318.385


 16, 30.875,
318.385


 16, 30.875,
318.385


 14, 35.435,
318.603


 18, 25.967,
318.084


 13, 39.458,
318.698

 20, 20.867,
317.732

 11, 42.917,
318.681

 22, 15.689,
317.352

 10, 46.469,
318.807

 25, 10.514,
316.961

 27, 5.395, 316.570

■ 29, 0.364, 315.977

■ 32, 4.559, 135.881

■ 34, 9.362, 135.540

■ 36, 14.042,
135.229

Harmonies

Complementary

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



16, 30.875, 318.385



26, 29.804, 133.392

Rectangle

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



16, 30.875, 318.385



16, 30.875, 8.385



16, 30.875, 138.385



16, 30.875, 188.385

Sweetspot

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



16, 30.874, 318.385



33, 11.265, 316.883



16, 20.737, 283.682



15, 7.905, 316.944



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, 30.874, 318.385



19, 44.678, 318.670



17, 28.070, 334.143



13, 2.872, 316.487



17, 59.698, 318.352



43, 109.438, 317.701

Inverse Universe

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



17, 21.719, 4.593



20, 31.686, 8.215



26, 28.224, 145.556



13, 1.934, 357.609



19, 43.445, 18.693



48, 81.273, 23.236

Previews

White Background



This preview shows how the CIE LCh color 16, 30.875, 318.385 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, 30.875, 318.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

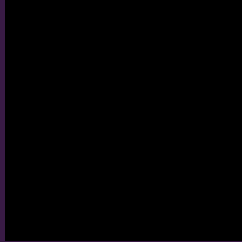
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 30.875, 318.385

Background



This preview shows how black text looks on a background with the CIELCh color 16, 30.875, 318.385.



This preview shows how white text looks on a background with the CIELCh color 16, 30.875, 318.385.

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, 30.875, 318.385

Protanopia

16, 29.585, 284.610

Deuteranopia

16, 18.682, 277.169



Tritanopia
16, 8.732, 7.954

Trichromacy



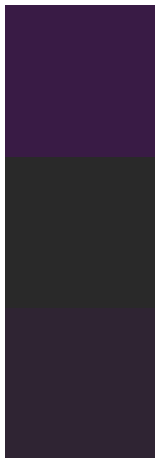
Original Color
16, 30.875, 318.385

Protanomaly
15, 29.441, 293.434

Deuteranomaly
16, 22.458, 295.843

Tritanomaly
16, 15.456, 333.772

Monochromacy



Original Color
16, 30.875, 318.385

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 11.663, 317.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 30.875, 318.385 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(57, 27, 69)` looks like.

```
.text, #text, p{  
    color:rgb(57, 27, 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(57, 27, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 27, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 30.875, 318.385 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(57, 27, 69) }
```

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

```
.border{ border-color:rgb(57, 27, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 27, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 27, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 27, 69);  
box-shadow:4px 4px 4px 4px rgb(57, 27, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 30.875, 318.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 27, 69) }
```

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

```
.background{ background-color: rgb(57, 27,  
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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