

Converting Colors

CIELCh(16, 23.898, 324.609)

Have a look what the booklet for
CIELCh(16, 23.898, 324.609)
contains.

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Color

CIELCh(16, 24.261, 323.899)

Conversions

Conversions Part 1

Format	Color
Hex	391D3C
RGB	57, 29, 60
RGB Percent	22%, 11%, 24%
CMY	0.7753, 0.8852, 0.7636
CMYK	0.05, 0.51, 0.00, 0.76
HSL	294°, 35%, 18%
HSV	294°, 51%, 24%
XYZ	2.9727, 2.0993, 4.5626
YIQ	40.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

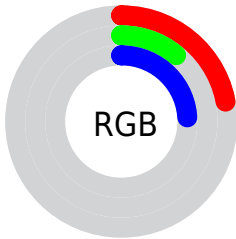
Format	Color
RYB	57, 29, 60
Decimal	3743036
CIELab	16.00, 19.60, -14.29
CIELCh	16, 24.261, 323.899
Yxy	2.0993, 0.3085, 0.2179
Android (android.graphics.Color)	4281933116 (0xFF391D3C)
YUV	40.9060, 9.4133, 14.1144
Hunter-Lab	14.4890, 11.2667, -8.5281

Details

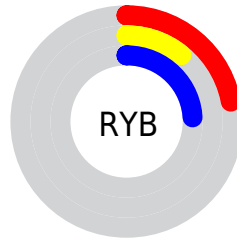
The CIELCh color **16, 24.261, 323.899** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 24.120, 138.830**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 23.866, 324.270**, and **0, 6.884, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 28.552, 324.223**, and if you desaturate by 10%, it is **18, 19.697, 323.528**.

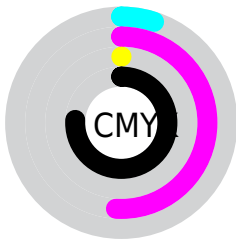
Distribution



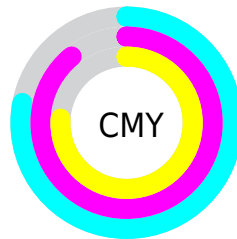
- Red (22%)
- Green (11%)
- Blue (24%)



- Red (22%)
- Yellow (11%)
- Blue (24%)



- Cyan (5%)
- Magenta (51%)
- Yellow (0%)
- Black (76%)





- Cyan (78%)
- Magenta (89%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 24.261, 323.899 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, 24.261, 323.899 by changing the saturation by 10% instead.

 16, 24.261,
323.899

 16, 24.261,
323.899

 100, 24.261,
323.899


 6, 24.261, 323.899


 36, 24.261,
323.899

 0, 24.261, 323.899

 46, 24.261,
323.899


 56, 24.261,
323.899


 66, 24.261,
323.899


 76, 24.261,
323.899

 86, 24.261,


323.899


 96, 24.261,
323.899


 16, 24.261,
323.899


 16, 24.261,
323.899


 14, 28.552,
324.223


 18, 19.697,
323.528

 13, 32.435,
324.483


 19, 14.979,
323.126

 12, 35.758,
324.659

 21, 10.197,
322.706

 11, 38.724,
324.790

 23, 5.416, 322.274

 10, 41.506,
324.953

 25, 0.684, 321.725

 27, 3.969, 141.486

■ 29, 8.523, 141.075

■ 31, 12.967,
140.690

■ 33, 17.296,
140.327

Harmonies

Complementary

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



16, 24.261, 323.899



23, 24.120, 138.830

Rectangle

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



16, 24.261, 323.899



16, 24.261, 13.899



16, 24.261, 143.899



16, 24.261, 193.899

Sweetspot

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



16, 24.260, 323.899



30, 8.916, 322.459



14, 19.941, 292.434



14, 6.141, 322.494



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



16, 24.260, 323.899



20, 35.862, 324.321



16, 18.972, 342.589



10, 2.654, 322.141



19, 56.166, 324.718



49, 104.704, 324.442

Inverse Universe

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



15, 16.205, 16.910



19, 24.994, 19.550



23, 18.482, 154.349



10, 1.586, 11.929



18, 45.435, 30.963



46, 90.008, 36.543

Previews

White Background



This preview shows how the CIELCh color 16, 24.261, 323.899 looks on a white background.

Color Contrast Check

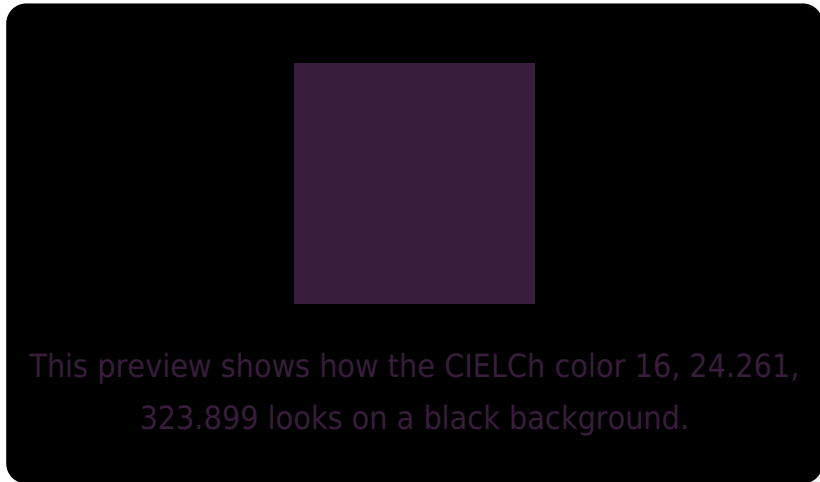
Large Text (above 18pt) WCAG AA ✓ Pass

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

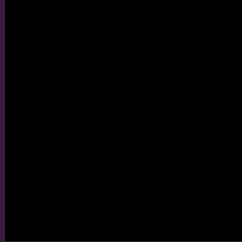
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 24.261, 323.899

Background



This preview shows how black text looks on a background with the CIELCh color 16, 24.261, 323.899.



This preview shows how white text looks on a background with the CIELCh color 16, 24.261, 323.899.

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, 24.261, 323.899

Protanopia

16, 21.156, 284.664

Deuteranopia

16, 12.783, 281.029



Tritanopia
16, 9.767, 9.756

Trichromacy



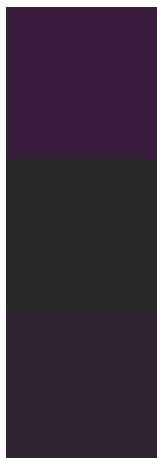
Original Color
16, 24.261, 323.899

Protanomaly
16, 21.865, 298.597

Deuteranomaly
16, 16.405, 302.849

Tritanomaly
16, 13.685, 341.945

Monochromacy



Original Color
16, 24.261, 323.899

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 9.009, 322.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 24.261, 323.899 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, 29, 60)` looks like.

```
.text, #text, p{  
    color:rgb(57, 29, 60)  
}
```

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, 29, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 29, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 24.261, 323.899 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, 29, 60) }
```

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

```
.border{ border-color:rgb(57, 29, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 29, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 29, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 29, 60);  
box-shadow:4px 4px 4px 4px rgb(57, 29, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 24.261, 323.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 29, 60) }
```

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

```
.background{ background-color: rgb(57, 29,  
60) }
```

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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