

Converting Colors

CIELCh(16, 25.422, 335.536)

Have a look what the booklet for
CIELCh(16, 25.422, 335.536)
contains.

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Color

CIELCh(16, 25.219, 335.533)

Conversions

Conversions Part 1

Format	Color
Hex	401A37
RGB	64, 26, 55
RGB Percent	25%, 10%, 22%
CMY	0.7493, 0.8983, 0.7845
CMYK	0.00, 0.59, 0.14, 0.75
HSL	314°, 42%, 18%
HSV	314°, 59%, 25%
XYZ	3.1665, 2.0993, 3.8453
YIQ	40.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

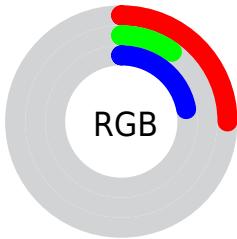
Format	Color
RYB	64, 26, 55
Decimal	4201015
CIELab	16.00, 22.95, -10.44
CIELCh	16, 25.219, 335.533
Yxy	2.0993, 0.3475, 0.2304
Android (android.graphics.Color)	4282391095 (0xFF401A37)
YUV	40.6680, 7.0657, 20.4622
Hunter-Lab	14.4890, 13.6545, -5.5928

Details

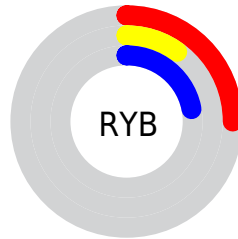
The CIELCh color **16, 25.219, 335.533** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 25.240, 147.026**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 25.488, 335.261**, and **1, 4.777, 329.963** is the 20% darker color. If you saturate the color by 10%, you get **15, 28.686, 336.266**, and if you desaturate by 10%, it is **18, 21.330, 334.842**.

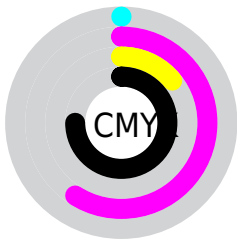
Distribution



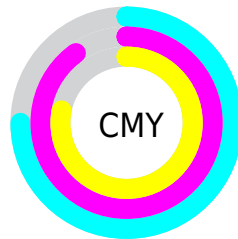
- Red (25%)
- Green (10%)
- Blue (22%)



- Red (25%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (75%)



- Cyan (75%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 25.219, 335.533 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, 25.219, 335.533 by changing the saturation by 10% instead.

■ 16, 25.219,
335.533

■ 16, 25.219,
335.533

■ 100, 25.219,
335.533

■ 6, 25.219, 335.533

■ 36, 25.219,
335.533

■ 0, 25.219, 335.533

■ 46, 25.219,
335.533


■ 56, 25.219,
335.533


■ 66, 25.219,
335.533


■ 76, 25.219,
335.533

■ 86, 25.219,


335.533


 96, 25.219,
335.533


 16, 25.219,
335.533


 16, 25.219,
335.533


 15, 28.686,
336.266


 18, 21.330,
334.842

 13, 31.576,
337.056


 19, 17.166,
334.183

 12, 33.883,
337.900

 21, 12.846,
333.550

 11, 36.347,
338.664

 23, 8.463, 332.939

 11, 36.498,
338.705

 25, 4.085, 332.340

 27, 0.244, 152.403

■ 29, 4.492, 151.317

■ 31, 8.644, 150.792

■ 34, 12.689,
150.301

Harmonies

Complementary

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



16, 25.219, 335.533



24, 25.240, 147.026

Rectangle

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



16, 25.219, 335.533



16, 25.219, 25.533



16, 25.219, 155.533



16, 25.219, 205.533

Sweetspot

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



16, 25.218, 335.533



31, 9.855, 332.902



12, 27.507, 303.905



14, 6.912, 332.990



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



16, 25.218, 335.533



20, 36.256, 336.636



15, 19.854, 5.594



12, 2.483, 332.288



20, 47.915, 339.561



51, 87.289, 340.678

Inverse Universe

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



16, 25.218, 335.533



20, 36.256, 336.636



24, 16.626, 172.731



12, 2.483, 332.288



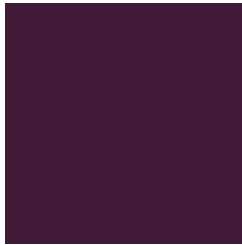
20, 47.915, 339.561



51, 87.289, 340.678

Previews

White Background



This preview shows how the CIELCh color 16, 25.219, 335.533 looks on a white background.

Color Contrast Check

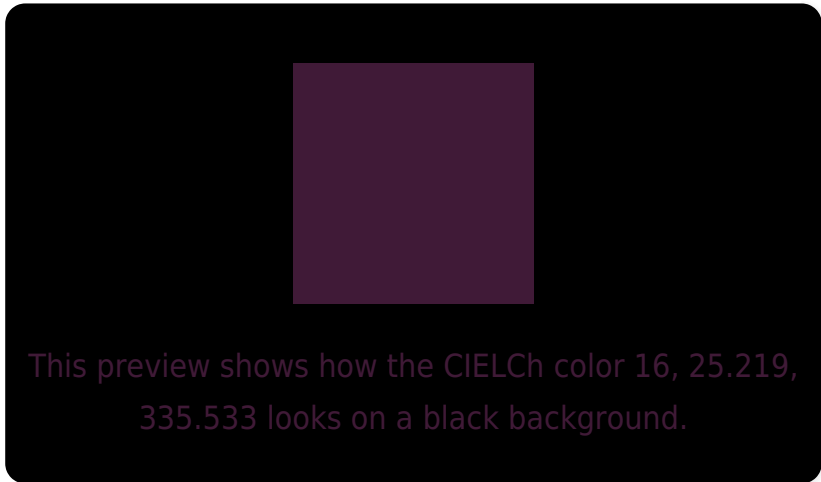
Large Text (above 18pt) WCAG AA ✓ Pass

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

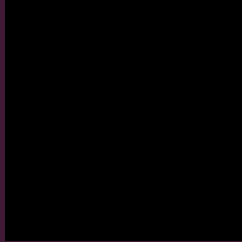
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 25.219, 335.533

Background



This preview shows how black text looks on a background with the CIELCh color 16, 25.219, 335.533.



This preview shows how white text looks on a background with the CIELCh color 16, 25.219, 335.533.

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, 25.219, 335.533

Protanopia

16, 18.324, 283.655

Deuteranopia

16, 9.109, 287.184



Tritanopia
16, 16.086, 16.695

Trichromacy



Original Color
16, 25.219, 335.533

Protanomaly
16, 19.243, 303.200

Deuteranomaly
16, 14.378, 314.820

Tritanomaly
16, 18.403, 356.235

Monochromacy



Original Color
16, 25.219, 335.533

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 9.298, 333.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 25.219, 335.533 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(64, 26, 55)` looks like.

```
.text, #text, p{  
    color:rgb(64, 26, 55)  
}
```

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(64, 26, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 26, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 25.219, 335.533 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(64, 26, 55) }
```

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

```
.border{ border-color:rgb(64, 26, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 26, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 26, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 26, 55);  
box-shadow:4px 4px 4px 4px rgb(64, 26, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 25.219, 335.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 26, 55) }
```

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

```
.background{ background-color: rgb(64, 26,  
55) }
```

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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