

Converting Colors

CIELCh(19, 16.031, 65.424)

Have a look what the booklet for
CIELCh(19, 16.031, 65.424) contains.

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Color

CIELCh(19, 16.282, 64.870)

Conversions

Conversions Part 1

Format	Color
Hex	3E2A19
RGB	62, 42, 25
RGB Percent	24%, 16%, 10%
CMY	0.7570, 0.8354, 0.9021
CMYK	0.00, 0.32, 0.60, 0.76
HSL	28°, 43%, 17%
HSV	28°, 60%, 24%
XYZ	2.9865, 2.7468, 1.2909
YIQ	46.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

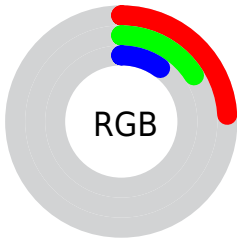
Format	Color
RYB	62, 56, 25
Decimal	4074009
CIELab	19.00, 6.91, 14.74
CIELCh	19, 16.282, 64.870
Yxy	2.7468, 0.4252, 0.3911
Android (android.graphics.Color)	4282264089 (0xFF3E2A19)
YUV	46.0420, -10.3737, 13.9952
Hunter-Lab	16.5735, 3.1610, 6.9836

Details

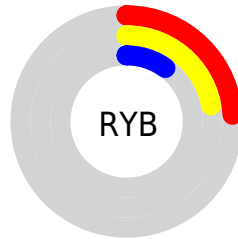
The CIELCh color **19, 16.282, 64.870** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18, 13.425, 260.736**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 16.376, 64.752**, and **0, 1.941, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **18, 19.407, 63.860**, and if you desaturate by 10%, it is **20, 13.248, 65.875**.

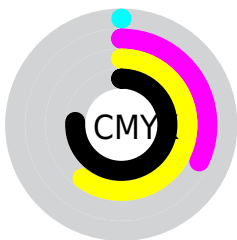
Distribution



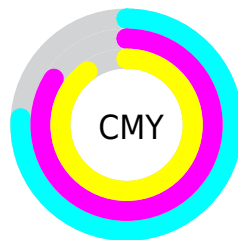
- Red (24%)
- Green (16%)
- Blue (10%)



- Red (24%)
- Yellow (22%)
- Blue (10%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (76%)



- Cyan (76%)
- Magenta (84%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 16.282, 64.870 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 19, 16.282, 64.870 by changing the saturation by 10% instead.

 19, 16.282, 64.870

 19, 16.282, 64.870

 100, 16.282,
64.870

 9, 16.282, 64.870

 39, 16.282, 64.870

 0, 16.282, 64.870

 49, 16.282, 64.870

 59, 16.282, 64.870

 69, 16.282, 64.870

 79, 16.282, 64.870

 89, 16.282, 64.870

 99, 16.282, 64.870

■ 19, 16.282, 64.870

■ 19, 16.282, 64.870

■ 18, 19.407, 63.860

■ 20, 13.248, 65.875

■ 17, 22.090, 62.164

■ 21, 10.334, 66.879

■ 16, 24.165, 59.762

■ 23, 7.549, 67.886

■ 15, 26.208, 57.718

■ 24, 4.890, 68.890

■ 15, 26.270, 57.664

■ 25, 2.352, 69.864

■ 26, 0.074, 253.296

■ 27, 2.398, 252.004

■ 29, 4.630, 252.938

■ 30, 6.779, 253.872

Harmonies

Complementary

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



19, 16.282, 64.870



18, 13.425, 260.736

Rectangle

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



19, 16.282, 64.870



19, 16.282, 114.870



19, 16.282, 244.870



19, 16.282, 294.870

Sweetspot

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



19, 16.282, 64.875



32, 5.608, 68.976



15, 21.614, 346.292



15, 3.842, 68.852



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



19, 16.282, 64.875



24, 25.475, 63.277



25, 22.298, 102.900



11, 1.328, 69.983



24, 40.072, 59.070



57, 78.376, 56.893

Inverse Universe

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



18, 13.425, 260.736



22, 19.945, 265.176



11, 25.476, 296.055



11, 1.301, 251.890



21, 30.288, 276.344



50, 60.564, 280.414

Previews

White Background



This preview shows how the CIE LCh color 19, 16.282, 64.870 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 19, 16.282, 64.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

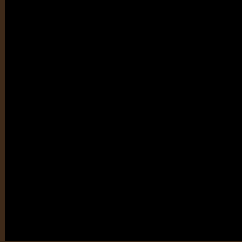
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 16.282, 64.870

Background



This preview shows how black text looks on a background with the CIELCh color 19, 16.282, 64.870.

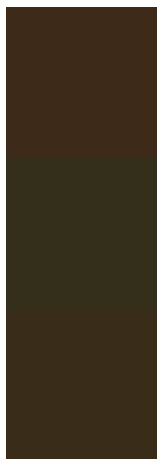


This preview shows how white text looks on a background with the CIELCh color 19, 16.282, 64.870.

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

19, 16.282, 64.870

Protanopia

19, 13.629, 97.838

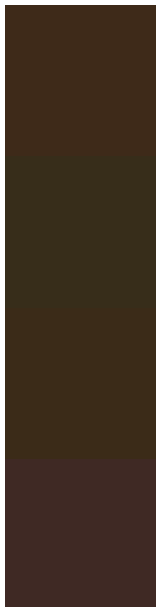
Deuteranopia

19, 15.456, 79.313



Tritanopia
19, 11.562, 12.161

Trichromacy



Original Color
19, 16.282, 64.870

Protanomaly
19, 14.038, 84.274

Deuteranomaly
19, 15.846, 73.196

Tritanomaly
19, 12.063, 37.957

Monochromacy



Original Color
19, 16.282, 64.870

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 5.968, 72.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 16.282, 64.870 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(62, 42, 25)` looks like.

```
.text, #text, p{  
    color:rgb(62, 42, 25)  
}
```

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(62, 42, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 42, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 16.282, 64.870 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(62, 42, 25) }
```

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

```
.border{ border-color:rgb(62, 42, 25) }
```

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

Here you see how a box with a 4 pixel rgb(62, 42, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 42, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 42, 25);  
box-shadow:4px 4px 4px 4px rgb(62, 42, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 16.282, 64.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 42, 25) }
```

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

```
.background{ background-color: rgb(62, 42,  
25) }
```

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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