

Converting Colors

CIELCh(34, 19.225, 91.236)

Have a look what the booklet for
CIELCh(34, 19.225, 91.236) contains.

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Color

CIELCh(34, 19.379, 90.698)

Conversions

Conversions Part 1

Format	Color
Hex	5A4F31
RGB	90, 79, 49
RGB Percent	35%, 31%, 19%
CMY	0.6466, 0.6898, 0.8075
CMYK	0.00, 0.12, 0.46, 0.65
HSL	44°, 29%, 27%
HSV	44°, 46%, 35%
XYZ	7.5866, 8.0082, 4.0623
YIQ	78.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

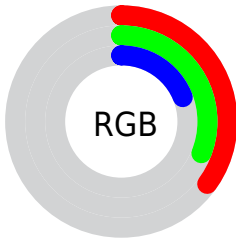
Format	Color
RYB	64, 90, 49
Decimal	5918513
CIELab	34.00, -0.24, 19.38
CIELCh	34, 19.379, 90.698
Yxy	8.0082, 0.3859, 0.4074
Android (android.graphics.Color)	4284108593 (0xFF5A4F31)
YUV	78.8690, -14.7254, 9.7619
Hunter-Lab	28.2988, -1.6691, 11.2981

Details

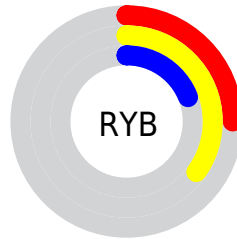
The CIELCh color **34, 19.379, 90.698** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26, 19.897, 282.877**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 19.202, 90.628**, and **14, 19.302, 91.820** is the 20% darker color. If you saturate the color by 10%, you get **33, 23.637, 89.461**, and if you desaturate by 10%, it is **35, 15.075, 91.915**.

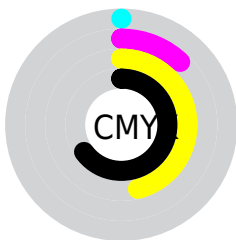
Distribution



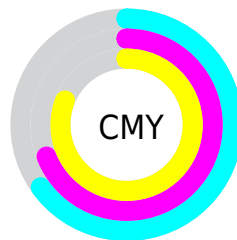
- Red (35%)
- Green (31%)
- Blue (19%)



- Red (25%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 19.379, 90.698 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 34, 19.379, 90.698 by changing the saturation by 10% instead.

■ 34, 19.379, 90.698

■ 34, 19.379, 90.698

■ 100, 19.379,
90.698

■ 24, 19.379, 90.698

■ 54, 19.379, 90.698

■ 14, 19.379, 90.698

■ 64, 19.379, 90.698

■ 4, 19.379, 90.698

■ 74, 19.379, 90.698

■ 0, 19.379, 90.698

■ 84, 19.379, 90.698

■ 94, 19.379, 90.698

■ 34, 19.379, 90.698

■ 34, 19.379, 90.698

■ 33, 23.637, 89.461

■ 35, 15.075, 91.915

■ 32, 27.755, 88.184

■ 36, 10.776, 93.098

■ 31, 31.582, 86.858

■ 37, 6.511, 94.245

■ 31, 34.882, 85.442

■ 38, 2.295, 95.333

■ 30, 37.726, 83.987

■ 39, 1.865, 276.523

■ 30, 39.162, 83.422

■ 40, 5.968, 277.522

■ 41, 10.014,
278.512

■ 42, 14.005,
279.462

■ 43, 17.943,
280.370

Harmonies

Complementary

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



34, 19.379, 90.698



26, 19.897, 282.877

Rectangle

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



34, 19.379, 90.698



34, 19.379, 140.698



34, 19.379, 270.698



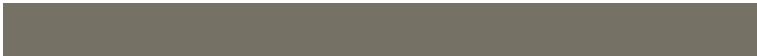
34, 19.379, 320.698

Sweetspot

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



34, 19.379, 90.702



48, 7.298, 94.364



26, 20.233, 2.366



24, 4.992, 94.207



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 19.379, 90.702



43, 29.095, 89.302



37, 24.987, 115.869



18, 2.376, 94.982



36, 44.940, 82.873



75, 78.854, 81.342

Inverse Universe

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



26, 19.897, 282.877



30, 30.302, 285.376



23, 27.575, 302.294



17, 2.390, 277.027



16, 55.115, 298.253



37, 103.499, 300.329

Previews

White Background



This preview shows how the CIELCh color 34, 19.379, 90.698 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 CIELCh color 34, 19.379, 90.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

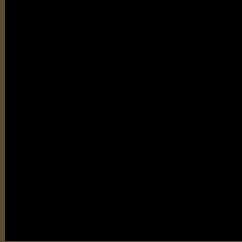
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 19.379, 90.698

Background



This preview shows how black text looks on a background with the CIELCh color 34, 19.379, 90.698.

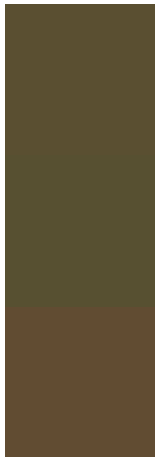


This preview shows how white text looks on a background with the CIELCh color 34, 19.379, 90.698.

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

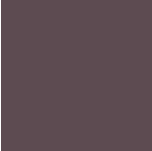
34, 19.379, 90.698

Protanopia

34, 19.442, 96.669

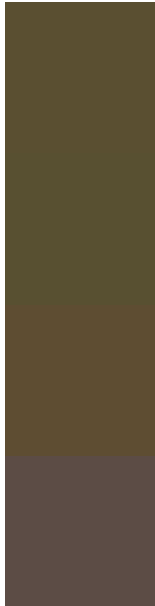
Deuteranopia

34, 19.460, 75.014



Tritanopia
34, 8.735, 355.449

Trichromacy



Original Color
34, 19.379, 90.698

Protanomaly
34, 19.543, 95.251

Deuteranomaly
34, 18.909, 80.864

Tritanomaly
34, 8.627, 50.605

Monochromacy



Original Color
34, 19.379, 90.698

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 7.110, 94.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 19.379, 90.698 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(90, 79, 49)` looks like.

```
.text, #text, p{  
    color:rgb(90, 79, 49)  
}
```

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(90, 79, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 79, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 19.379, 90.698 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(90, 79, 49) }
```

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

```
.border{ border-color:rgb(90, 79, 49) }
```

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

Here you see how a box with a 4 pixel rgb(90, 79, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 79, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 79, 49);  
box-shadow:4px 4px 4px 4px rgb(90, 79, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 19.379, 90.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 79, 49) }
```

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

```
.background{ background-color: rgb(90, 79,  
49) }
```

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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