

Converting Colors

CIELCh(19, 34.969, 25.556)

Have a look what the booklet for
CIELCh(19, 34.969, 25.556) contains.

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Color

CIELCh(19, 34.635, 25.609)

Conversions

Conversions Part 1

Format	Color
Hex	59151A
RGB	89, 21, 26
RGB Percent	35%, 8%, 10%
CMY	0.6504, 0.9171, 0.8976
CMYK	0.00, 0.76, 0.71, 0.65
HSL	356°, 62%, 22%
HSV	356°, 76%, 35%
XYZ	4.5911, 2.7468, 1.2715
YIQ	41.9020, 38.9230, 15.9710

Conversions

Conversions Part 2

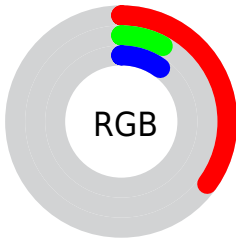
Format	Color
RYB	89, 21, 26
Decimal	5838106
CIELab	19.00, 31.23, 14.97
CIElCh	19, 34.635, 25.609
Yxy	2.7468, 0.5333, 0.3190
Android (android.graphics.Color)	4284028186 (0xFF59151A)
YUV	41.9020, -7.8397, 41.3049
Hunter-Lab	16.5735, 20.4437, 7.0529

Details

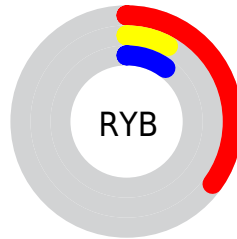
The CIELCh color **19, 34.635, 25.609** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 21.985, 188.267**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 35.017, 25.264**, and **4, 19.370, 18.235** is the 20% darker color. If you saturate the color by 10%, you get **18, 39.015, 28.988**, and if you desaturate by 10%, it is **21, 29.903, 22.641**.

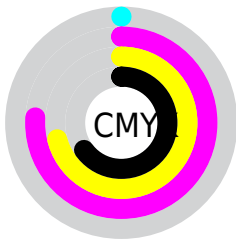
Distribution



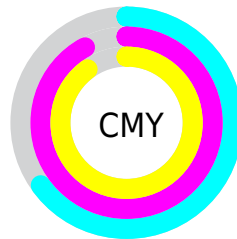
- Red (35%)
- Green (8%)
- Blue (10%)



- Red (35%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (76%)
- Yellow (71%)
- Black (65%)



- Cyan (65%)
- Magenta (92%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 34.635, 25.609 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, 34.635, 25.609 by changing the saturation by 10% instead.

 19, 34.635, 25.609

 19, 34.635, 25.609

 100, 34.635,
25.609

 9, 34.635, 25.609

 39, 34.635, 25.609

 0, 34.635, 25.609

 49, 34.635, 25.609

 59, 34.635, 25.609

 69, 34.635, 25.609

 79, 34.635, 25.609

 89, 34.635, 25.609

 99, 34.635, 25.609

■ 19, 34.635, 25.609

■ 19, 34.635, 25.609

■ 18, 39.015, 28.988

■ 21, 29.903, 22.641

■ 17, 42.470, 30.826

■ 23, 25.033, 20.243

■ 16, 43.667, 31.060

■ 25, 20.164, 18.330

■ 28, 15.407, 16.804

■ 30, 10.842, 15.575

■ 33, 6.512, 14.565

■ 36, 2.435, 13.673

■ 39, 1.390, 193.336

■ 42, 4.975, 192.607

Harmonies

Complementary

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



19, 34.635, 25.609



34, 21.985, 188.267

Rectangle

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



19, 34.635, 25.609



19, 34.635, 75.609



19, 34.635, 205.609



19, 34.635, 255.609

Sweetspot

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



19, 34.633, 25.611



40, 11.591, 15.297



21, 46.444, 325.082



19, 8.146, 15.560



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 34.633, 25.611



23, 50.802, 32.513



25, 29.446, 58.773



16, 2.135, 13.895



21, 51.040, 33.643



49, 95.221, 37.692

Inverse Universe

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



19, 34.633, 25.611



23, 50.802, 32.513



24, 21.224, 261.448



16, 2.135, 13.895



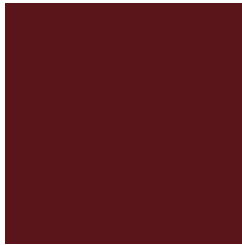
21, 51.040, 33.643



49, 95.221, 37.692

Previews

White Background



This preview shows how the CIE LCh color 19, 34.635, 25.609 looks on a white background.

Color Contrast Check

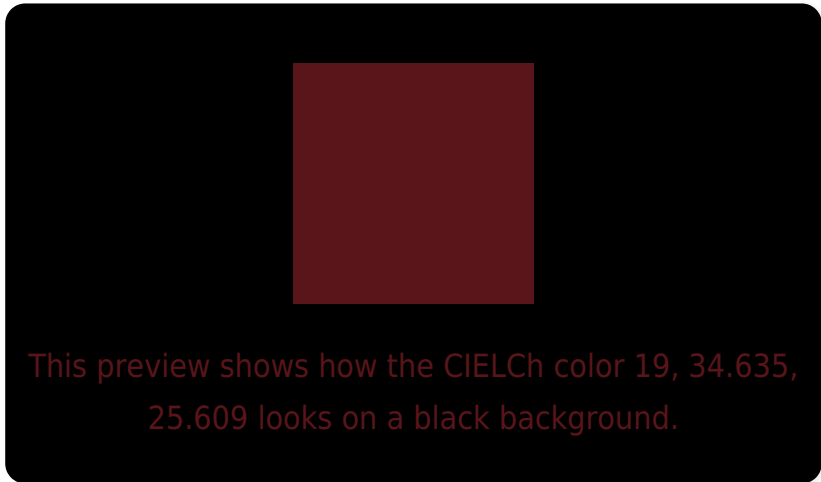
Large Text (above 18pt) WCAG AA ✓ Pass

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

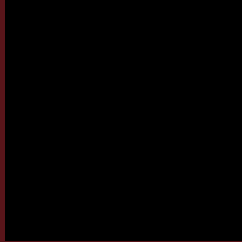
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 34.635, 25.609

Background



This preview shows how black text looks on a background with the CIELCh color 19, 34.635, 25.609.



This preview shows how white text looks on a background with the CIELCh color 19, 34.635, 25.609.

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, 34.635, 25.609

Protanopia

20, 8.259, 97.548

Deuteranopia

20, 17.728, 82.396



Tritanopia
19, 35.367, 30.264

Trichromacy



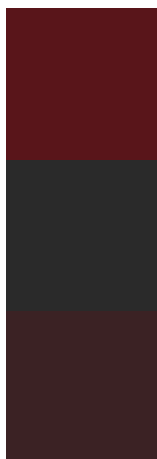
Original Color
19, 34.635, 25.609

Protanomaly
18, 15.137, 37.969

Deuteranomaly
19, 21.277, 48.695

Tritanomaly
19, 35.091, 29.285

Monochromacy



Original Color
19, 34.635, 25.609

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 12.868, 16.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 34.635, 25.609 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(89, 21, 26)` looks like.

```
.text, #text, p{  
    color:rgb(89, 21, 26)  
}
```

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(89, 21, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 21, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 34.635, 25.609 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(89, 21, 26) }
```

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

```
.border{ border-color:rgb(89, 21, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 21, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 21, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 21, 26);  
box-shadow:4px 4px 4px 4px rgb(89, 21, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 34.635, 25.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 21, 26) }
```

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

```
.background{ background-color: rgb(89, 21,  
26) }
```

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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