

Converting Colors

CIELCh(19, 44.687, 34.096)

Have a look what the booklet for
CIELCh(19, 44.687, 34.096) contains.

CIELCh(19, 44.711, 34.088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(19, 44.711, 34.088)

Conversions

Conversions Part 1

Format	Color
Hex	61090A
RGB	97, 9, 10
RGB Percent	38%, 4%, 4%
CMY	0.6211, 0.9628, 0.9626
CMYK	0.00, 0.90, 0.90, 0.62
HSL	360°, 82%, 21%
HSV	360°, 90%, 38%
XYZ	5.0436, 2.7468, 0.5383
YIQ	35.4260, 52.1270, 18.9670

Conversions

Conversions Part 2

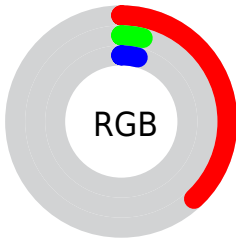
Format	Color
RYB	97, 9, 10
Decimal	6359306
CIELab	19.00, 37.03, 25.06
CIELCh	19, 44.711, 34.088
Yxy	2.7468, 0.6056, 0.3298
Android (android.graphics.Color)	4284549386 (0xFF61090A)
YUV	35.4260, -12.5350, 54.0004
Hunter-Lab	16.5735, 25.3173, 9.6757

Details

The CIELCh color **19, 44.711, 34.088** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37, 23.847, 196.399**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 45.096, 34.034**, and **5, 23.178, 19.104** is the 20% darker color. If you saturate the color by 10%, you get **18, 48.157, 35.195**, and if you desaturate by 10%, it is **20, 40.463, 32.012**.

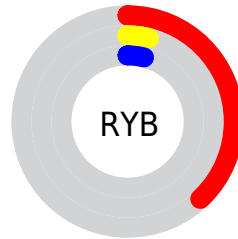
Distribution



Red (38%)

Green (4%)

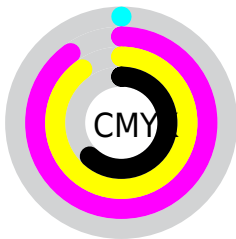
Blue (4%)



Red (38%)

Yellow (4%)

Blue (4%)

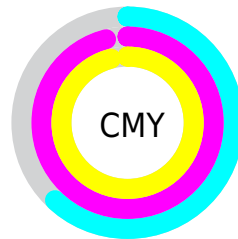


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (62%)



Cyan (62%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 44.711, 34.088 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, 44.711, 34.088 by changing the saturation by 10% instead.

 19, 44.711, 34.088

 19, 44.711, 34.088

 100, 44.711,
34.088

 9, 44.711, 34.088

 39, 44.711, 34.088

 0, 44.711, 34.088

 49, 44.711, 34.088

 59, 44.711, 34.088

 69, 44.711, 34.088

 79, 44.711, 34.088

 89, 44.711, 34.088

 99, 44.711, 34.088

■ 19, 44.711, 34.088

■ 19, 44.711, 34.088

■ 18, 48.157, 35.195

■ 20, 40.463, 32.012

■ 22, 35.089, 28.978

■ 24, 29.550, 26.453

■ 26, 24.032, 24.441

■ 29, 18.671, 22.866

■ 32, 13.560, 21.638

■ 35, 8.748, 20.672

■ 38, 4.254, 19.886

■ 41, 0.072, 14.875

Harmonies

Complementary

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



19, 44.711, 34.088



37, 23.847, 196.399

Rectangle

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



19, 44.711, 34.088



19, 44.711, 84.088



19, 44.711, 214.088



19, 44.711, 264.088

Sweetspot

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



19, 44.709, 34.090



42, 14.867, 21.387



22, 54.264, 327.496



20, 10.176, 21.623



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



19, 44.709, 34.090



25, 60.059, 38.151



27, 37.079, 62.686



18, 2.339, 19.790



22, 54.818, 37.086



50, 99.766, 39.983

Inverse Universe

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



19, 44.709, 34.090



25, 60.059, 38.151



22, 29.219, 275.496



18, 2.339, 19.790



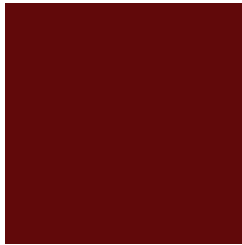
22, 54.818, 37.086



50, 99.766, 39.983

Previews

White Background



This preview shows how the CIE LCh color 19, 44.711, 34.088 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, 44.711, 34.088

Background



This preview shows how black text looks on a background with the CIELCh color 19, 44.711, 34.088.

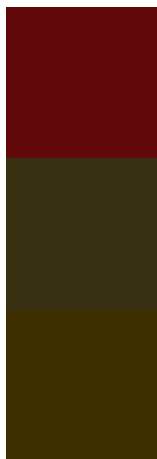


This preview shows how white text looks on a background with the CIELCh color 19, 44.711, 34.088.

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, 44.869, 33.789

Protanopia

20, 20.530, 96.020

Deuteranopia

20, 28.826, 86.565



Tritanopia
19, 45.529, 35.821

Trichromacy



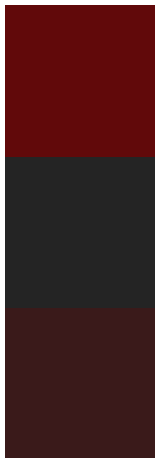
Original Color
19, 44.869, 33.789

Protanomaly
18, 24.948, 53.842

Deuteranomaly
18, 31.359, 55.408

Tritanomaly
19, 45.321, 35.394

Monochromacy



Original Color
19, 44.869, 33.789

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 17.322, 24.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 44.711, 34.088 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(97, 9, 10)` looks like.

```
.text, #text, p{  
    color:rgb(97, 9, 10)  
}
```

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(97, 9, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 9, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 44.711, 34.088 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(97, 9, 10) }
```

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

```
.border{ border-color:rgb(97, 9, 10) }
```

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

Here you see how a box with a 4 pixel rgb(97, 9, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 9, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 9, 10); box-shadow:4px  
4px 4px 4px rgb(97, 9, 10) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 44.711, 34.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 9, 10) }
```

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

```
.background{ background-color: rgb(97, 9,  
10) }
```

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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