

Converting Colors

CIELCh(19, 45.715, 34.653)

Have a look what the booklet for
CIELCh(19, 45.715, 34.653) contains.

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Color

CIELCh(19, 45.628, 34.793)

Conversions

Conversions Part 1

Format	Color
Hex	610807
RGB	97, 8, 7
RGB Percent	38%, 3%, 3%
CMY	0.6189, 0.9676, 0.9717
CMYK	0.00, 0.92, 0.93, 0.62
HSL	1°, 86%, 20%
HSV	1°, 93%, 38%
XYZ	5.0793, 2.7468, 0.4700
YIQ	34.4970, 53.3650, 18.5570

Conversions

Conversions Part 2

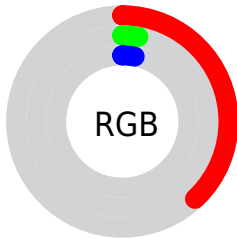
Format	Color
R_{YB}	97, 8, 7
Decimal	6359047
CIE Lab	19.00, 37.47, 26.04
CIE LCh	19, 45.628, 34.793
Yxy	2.7468, 0.6123, 0.3311
Android (android.graphics.Color)	4284549127 (0xFF610807)
YUV	34.4970, -13.5560, 54.8151
Hunter-Lab	16.5735, 25.7015, 9.9201

Details

The CIELCh color **19, 45.628, 34.793** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37, 23.778, 198.047**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 45.653, 35.336**, and **5, 23.178, 19.104** is the 20% darker color. If you saturate the color by 10%, you get **18, 48.242, 35.640**, and if you desaturate by 10%, it is **20, 41.663, 33.139**.

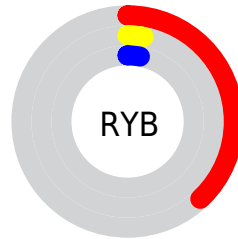
Distribution



Red (38%)

Green (3%)

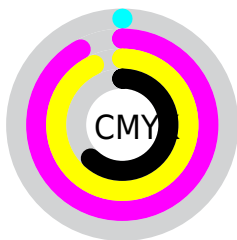
Blue (3%)



Red (38%)

Yellow (3%)

Blue (3%)

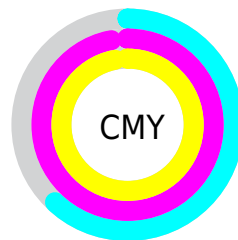


Cyan (0%)

Magenta (92%)

Yellow (93%)

Black (62%)



Cyan (62%)

Magenta (97%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 45.628, 34.793 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, 45.628, 34.793 by changing the saturation by 10% instead.

 19, 45.628, 34.793

 19, 45.628, 34.793

 100, 45.628,
34.793

 9, 45.628, 34.793

 39, 45.628, 34.793

 0, 45.628, 34.793

 49, 45.628, 34.793

 59, 45.628, 34.793

 69, 45.628, 34.793

 79, 45.628, 34.793

 89, 45.628, 34.793

 99, 45.628, 34.793

■ 19, 45.628, 34.793

■ 19, 45.628, 34.793

■ 18, 48.242, 35.640

■ 20, 41.663, 33.139

■ 22, 36.349, 30.231

■ 24, 30.792, 27.683

■ 26, 25.240, 25.638

■ 29, 19.835, 24.034

■ 31, 14.673, 22.785

■ 34, 9.809, 21.810

■ 37, 5.264, 21.031

■ 40, 1.036, 20.190

Harmonies

Complementary

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



19, 45.628, 34.793



37, 23.778, 198.047

Rectangle

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



19, 45.628, 34.793



19, 45.628, 84.793



19, 45.628, 214.793



19, 45.628, 264.793

Sweetspot

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



19, 45.626, 34.795



43, 15.567, 22.396



22, 55.107, 328.118



20, 10.768, 22.711



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, 45.626, 34.795



26, 60.939, 38.575



27, 38.040, 63.715



18, 2.312, 20.771



22, 54.664, 37.385



50, 99.648, 40.087

Inverse Universe

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



37, 23.778, 198.047



48, 29.507, 198.120



22, 31.031, 278.279



20, 2.195, 200.044



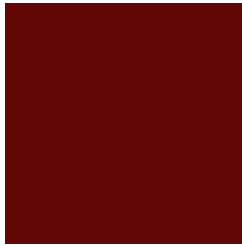
42, 26.932, 198.097



85, 47.035, 198.206

Previews

White Background



This preview shows how the CIELCh color 19, 45.628, 34.793 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, 45.628, 34.793

Background



This preview shows how black text looks on a background with the CIELCh color 19, 45.628, 34.793.



This preview shows how white text looks on a background with the CIELCh color 19, 45.628, 34.793.

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, 45.628, 34.793

Protanopia

20, 21.667, 96.189

Deuteranopia

20, 28.826, 86.565



Tritanopia
19, 46.530, 37.190

Trichromacy



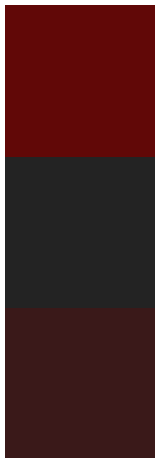
Original Color
19, 45.628, 34.793

Protanomaly
18, 25.792, 53.790

Deuteranomaly
18, 31.359, 55.408

Tritanomaly
19, 46.100, 36.363

Monochromacy



Original Color
19, 45.628, 34.793

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 17.941, 24.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 45.628, 34.793 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, 8, 7)` looks like.

```
.text, #text, p{  
    color:rgb(97, 8, 7)  
}
```

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, 8, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 8, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 45.628, 34.793 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, 8, 7) }
```

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

```
.border{ border-color:rgb(97, 8, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 8, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 8, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 8, 7); box-shadow:4px  
4px 4px 4px rgb(97, 8, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 45.628, 34.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 8, 7) }
```

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

```
.background{ background-color: rgb(97, 8,  
7) }
```

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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