

Converting Colors

CIELCh(18, 44.314, 34.820)

Have a look what the booklet for
CIELCh(18, 44.314, 34.820) contains.

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Color

CIELCh(18, 44.034, 34.737)

Conversions

Conversions Part 1

Format	Color
Hex	5D0806
RGB	93, 8, 6
RGB Percent	36%, 3%, 2%
CMY	0.6351, 0.9684, 0.9762
CMYK	0.00, 0.91, 0.93, 0.64
HSL	1°, 88%, 19%
HSV	1°, 93%, 36%
XYZ	4.6400, 2.5180, 0.4155
YIQ	33.1870, 51.3020, 17.3980

Conversions

Conversions Part 2

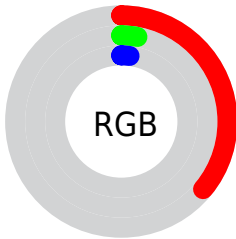
Format	Color
RYB	93, 8, 6
Decimal	6096902
CIELab	18.00, 36.19, 25.09
CIELCh	18, 44.034, 34.737
Yxy	2.5180, 0.6127, 0.3325
Android (android.graphics.Color)	4284286982 (0xFF5D0806)
YUV	33.1870, -13.4032, 52.4560
Hunter-Lab	15.8683, 24.4244, 9.5553

Details

The CIELCh color **18, 44.034, 34.737** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **35, 22.779, 199.720**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 43.657, 34.850**, and **4, 20.176, 18.348** is the 20% darker color. If you saturate the color by 10%, you get **17, 46.242, 35.386**, and if you desaturate by 10%, it is **19, 40.341, 33.474**.

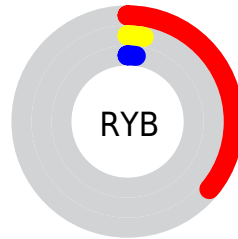
Distribution



Red (36%)

Green (3%)

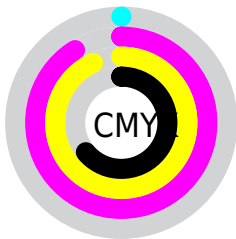
Blue (2%)



Red (36%)

Yellow (3%)

Blue (2%)

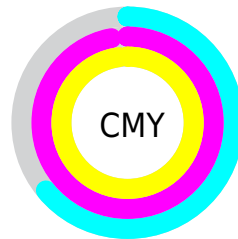


Cyan (0%)

Magenta (91%)

Yellow (93%)

Black (64%)



Cyan (64%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 44.034, 34.737 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 18, 44.034, 34.737 by changing the saturation by 10% instead.

 18, 44.034, 34.737

 18, 44.034, 34.737

 100, 44.034,
34.737

 8, 44.034, 34.737

 38, 44.034, 34.737

 0, 44.034, 34.737

 48, 44.034, 34.737

 58, 44.034, 34.737

 68, 44.034, 34.737

 78, 44.034, 34.737

 88, 44.034, 34.737

 98, 44.034, 34.737

■ 18, 44.034, 34.737

■ 18, 44.034, 34.737

■ 17, 46.242, 35.386

■ 19, 40.341, 33.474

■ 21, 35.300, 30.909

■ 23, 29.936, 28.460

■ 25, 24.591, 26.486

■ 27, 19.395, 24.935

■ 30, 14.438, 23.728

■ 33, 9.769, 22.789

■ 36, 5.406, 22.044

■ 38, 1.347, 21.308

Harmonies

Complementary

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



18, 44.034, 34.737



35, 22.779, 199.720

Rectangle

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



18, 44.034, 34.737



18, 44.034, 84.737



18, 44.034, 214.737



18, 44.034, 264.737

Sweetspot

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



18, 44.032, 34.740



40, 14.627, 23.264



21, 52.971, 328.730



19, 10.287, 23.556



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



18, 44.032, 34.740



24, 57.671, 38.295



26, 36.908, 65.093



17, 2.183, 21.733



21, 53.421, 37.424



50, 98.700, 40.178

Inverse Universe

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



35, 22.779, 199.720



44, 27.795, 199.921



20, 31.169, 280.102



18, 2.073, 201.087



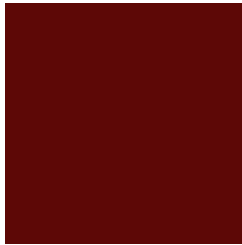
41, 26.095, 199.886



84, 45.906, 200.121

Previews

White Background



This preview shows how the CIELCh color 18, 44.034, 34.737 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

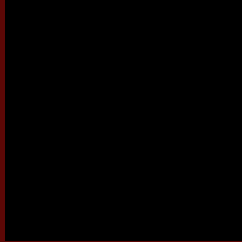
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 44.034, 34.737

Background



This preview shows how black text looks on a background with the CIELCh color 18, 44.034, 34.737.



This preview shows how white text looks on a background with the CIELCh color 18, 44.034, 34.737.

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

18, 44.034, 34.737

Protanopia

19, 21.621, 96.010

Deuteranopia

19, 27.762, 85.965



Tritanopia
18, 44.859, 36.485

Trichromacy



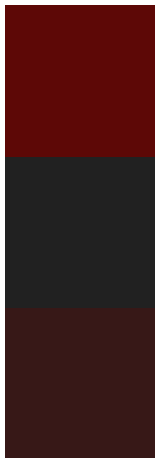
Original Color
18, 44.034, 34.737

Protanomaly
17, 25.586, 54.722

Deuteranomaly
18, 30.312, 56.062

Tritanomaly
18, 44.649, 36.054

Monochromacy



Original Color
18, 44.034, 34.737

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 17.145, 26.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 44.034, 34.737 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(93, 8, 6)` looks like.

```
.text, #text, p{  
    color:rgb(93, 8, 6)  
}
```

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(93, 8, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 8, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 44.034, 34.737 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(93, 8, 6) }
```

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

```
.border{ border-color:rgb(93, 8, 6) }
```

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

Here you see how a box with a 4 pixel rgb(93, 8, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 8, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 8, 6); box-shadow:4px  
4px 4px 4px rgb(93, 8, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 44.034, 34.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 8, 6) }
```

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

```
.background{ background-color: rgb(93, 8,  
6) }
```

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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