

Converting Colors

CIELCh(40, 30.465, 1.865)

Have a look what the booklet for
CIELCh(40, 30.465, 1.865) contains.

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Color

CIELCh(40, 30.315, 1.609)

Conversions

Conversions Part 1

Format	Color
Hex	8C4A5E
RGB	140, 74, 94
RGB Percent	55%, 29%, 37%
CMY	0.4515, 0.7103, 0.6318
CMYK	0.00, 0.47, 0.33, 0.45
HSL	342°, 31%, 42%
HSV	342°, 47%, 55%
XYZ	15.2480, 11.2510, 11.9292
YIQ	96.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

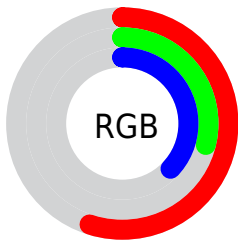
Format	Color
R_{YB}	140, 74, 94
Decimal	9194078
CIE _{Lab}	40.00, 30.30, 0.85
CIE _{LCh}	40, 30.315, 1.609
Yxy	11.2510, 0.3968, 0.2928
Android (android.graphics.Color)	4287384158 (0xFF8C4A5E)
YUV	96.0140, -0.9929, 38.5757
Hunter-Lab	33.5425, 22.4446, 2.3935

Details

The CIELCh color **40, 30.315, 1.609** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54, 26.469, 170.898**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 30.301, 1.513**, and **20, 30.265, 1.547** is the 20% darker color. If you saturate the color by 10%, you get **37, 36.628, 3.647**, and if you desaturate by 10%, it is **44, 23.750, 359.948**.

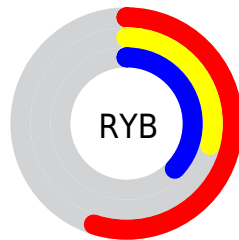
Distribution



Red (55%)

Green (29%)

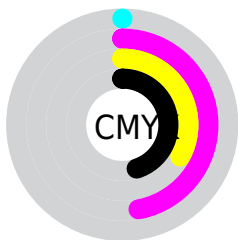
Blue (37%)



Red (55%)

Yellow (29%)

Blue (37%)

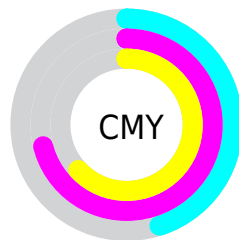


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (45%)



Cyan (45%)

Magenta (71%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 30.315, 1.609 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 40, 30.315, 1.609 by changing the saturation by 10% instead.

 40, 30.315, 1.609  40, 30.315, 1.609

 100, 30.315, 1.609  30, 30.315, 1.609

 60, 30.315, 1.609  20, 30.315, 1.609

 70, 30.315, 1.609  10, 30.315, 1.609

 80, 30.315, 1.609  0, 30.315, 1.609

 90, 30.315, 1.609

 40, 30.315, 1.609  40, 30.315, 1.609

 37, 36.628, 3.647  44, 23.750,
359.948

 34, 42.425, 6.185  47, 17.150,
358.562

 32, 47.430, 9.378

■ 30, 51.457, 13.378

■ 51, 10.660,
357.376

■ 29, 54.665, 18.120

■ 55, 4.369, 356.314

■ 29, 55.618, 19.422

■ 59, 1.678, 175.728

■ 64, 7.463, 174.770

■ 68, 12.988,
174.041

■ 72, 18.264,
173.392

■ 76, 23.307,
172.804

Harmonies

Complementary

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



40, 30.315, 1.609



54, 26.469, 170.898

Rectangle

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



40, 30.315, 1.609



40, 30.315, 51.609



40, 30.315, 181.609



40, 30.315, 231.609

Sweetspot

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



40, 30.313, 1.611



67, 10.670, 357.063



39, 42.967, 317.140



34, 7.451, 357.272



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



40, 30.313, 1.611



47, 45.037, 3.883



42, 26.592, 38.168



27, 3.405, 356.521



27, 53.431, 19.109



0, 1.553, 355.744

Inverse Universe

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



40, 30.313, 1.611



47, 45.037, 3.883



50, 18.865, 219.974



27, 3.405, 356.521



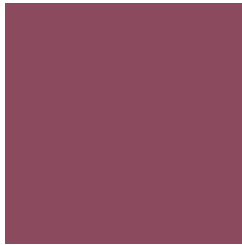
27, 53.431, 19.109



0, 1.553, 355.744

Previews

White Background



This preview shows how the CIELCh color 40, 30.315, 1.609 looks on a white background.

Color Contrast Check

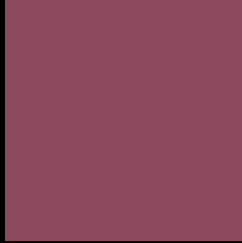
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 40, 30.315, 1.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

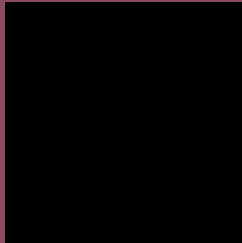
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 30.315, 1.609

Background



This preview shows how black text looks on a background with the CIELCh color 40, 30.315, 1.609.



This preview shows how white text looks on a background with the CIELCh color 40, 30.315, 1.609.

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

40, 30.315, 1.609

Protanopia

40, 7.318, 288.181

Deuteranopia

40, 5.644, 26.241



Tritanopia
40, 28.455, 16.892

Trichromacy



Original Color
40, 30.315, 1.609

Protanomaly
40, 13.231, 337.736

Deuteranomaly
40, 14.906, 5.211

Tritanomaly
40, 28.843, 11.206

Monochromacy



Original Color
40, 30.315, 1.609

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 11.104, 358.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 30.315, 1.609 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(140, 74, 94)` looks like.

```
.text, #text, p{  
    color:rgb(140, 74, 94)  
}
```

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(140, 74, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 74, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 30.315, 1.609 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(140, 74, 94) }
```

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

```
.border{ border-color:rgb(140, 74, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 74, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 74, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 74, 94);  
box-shadow:4px 4px 4px 4px rgb(140, 74,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 30.315, 1.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 74, 94) }
```

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

```
.background{ background-color: rgb(140, 74,  
94) }
```

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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