

Converting Colors

CIELCh(38, 24.324, 1.020)

Have a look what the booklet for
CIELCh(38, 24.324, 1.020) contains.

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Color

CIELCh(38, 24.313, 0.193)

Conversions

Conversions Part 1

Format	Color
Hex	7E4A5A
RGB	126, 74, 90
RGB Percent	49%, 29%, 35%
CMY	0.5056, 0.7095, 0.6468
CMYK	0.00, 0.41, 0.29, 0.51
HSL	342°, 26%, 39%
HSV	342°, 41%, 49%
XYZ	12.9178, 10.0881, 10.9552
YIQ	91.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

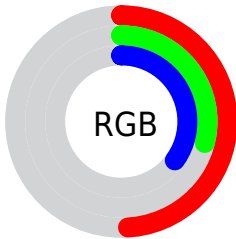
Format	Color
R_{YB}	126, 74, 90
Decimal	8276570
CIE _{Lab}	38.00, 24.31, 0.08
CIE _{LCh}	38, 24.313, 0.193
Yxy	10.0881, 0.3804, 0.2970
Android (android.graphics.Color)	4286466650 (0xFF7E4A5A)
YUV	91.3720, -0.6764, 30.3688
Hunter-Lab	31.7617, 17.0150, 1.7829

Details

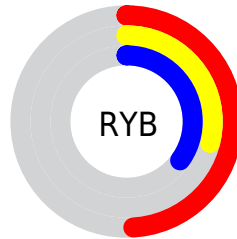
The CIELCh color **38, 24.313, 0.193** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 21.666, 171.352**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 24.123, 0.402**, and **18, 24.320, 359.512** is the 20% darker color. If you saturate the color by 10%, you get **35, 30.281, 1.954**, and if you desaturate by 10%, it is **41, 18.240, 358.736**.

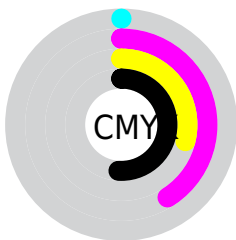
Distribution



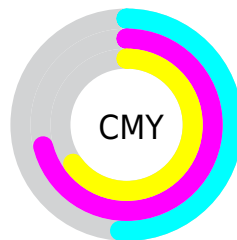
- Red (49%)
- Green (29%)
- Blue (35%)



- Red (49%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.313, 0.193 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 38, 24.313, 0.193 by changing the saturation by 10% instead.

 38, 24.313, 0.193  38, 24.313, 0.193

 100, 24.313, 0.193  28, 24.313, 0.193

 58, 24.313, 0.193  18, 24.313, 0.193


 68, 24.313, 0.193  8, 24.313, 0.193

 78, 24.313, 0.193  0, 24.313, 0.193

 88, 24.313, 0.193

 98, 24.313, 0.193

 38, 24.313, 0.193  38, 24.313, 0.193

 35, 30.281, 1.954  41, 18.240,
358.736

 32, 35.936, 4.117

30, 41.023, 6.819

45, 12.221,
357.498

28, 45.308, 10.212

49, 6.354, 356.415

26, 48.674, 14.431

52, 0.694, 355.056

26, 51.358, 18.389

56, 4.734, 174.796

60, 9.924, 174.026

64, 14.884,
173.352

68, 19.625,
172.744

72, 24.165,
172.188

Harmonies

Complementary

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



38, 24.313, 0.193



49, 21.666, 171.352

Rectangle

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



38, 24.313, 0.193



38, 24.313, 50.193



38, 24.313, 180.193



38, 24.313, 230.193

Sweetspot

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



38, 24.311, 0.195



62, 8.388, 356.522



37, 34.528, 316.896



31, 5.546, 356.626



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



38, 24.311, 0.195



46, 35.762, 1.742



40, 20.828, 37.870



25, 3.200, 356.194



26, 51.790, 18.459



0, 0.000, 0.000

Inverse Universe

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



38, 24.311, 0.195



46, 35.762, 1.742



46, 15.597, 219.387



25, 3.200, 356.194



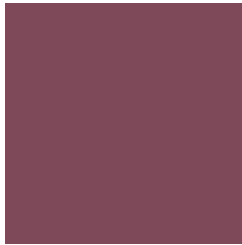
26, 51.790, 18.459



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 38, 24.313, 0.193 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 CIE LCh color 38, 24.313, 0.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

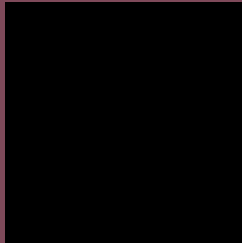
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 24.313, 0.193

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.313, 0.193.



This preview shows how white text looks on a background with the CIELCh color 38, 24.313, 0.193.

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

38, 24.313, 0.193

Protanopia

38, 6.154, 291.154

Deuteranopia

38, 5.224, 13.381



Tritanopia
38, 22.207, 15.240

Trichromacy



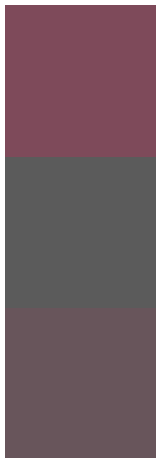
Original Color
38, 24.313, 0.193

Protanomaly
38, 10.582, 336.839

Deuteranomaly
38, 12.466, 1.306

Tritanomaly
38, 22.747, 9.430

Monochromacy



Original Color
38, 24.313, 0.193

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 8.953, 356.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.313, 0.193 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(126, 74, 90)` looks like.

```
.text, #text, p{  
    color:rgb(126, 74, 90)  
}
```

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(126, 74, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 74, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.313, 0.193 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(126, 74, 90) }
```

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

```
.border{ border-color:rgb(126, 74, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 74, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 74, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 74, 90);  
box-shadow:4px 4px 4px 4px rgb(126, 74,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.313, 0.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 74, 90) }
```

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

```
.background{ background-color: rgb(126, 74,  
90) }
```

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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