

Converting Colors

CIELCh(38, 24.355, 346.265)

Have a look what the booklet for
CIELCh(38, 24.355, 346.265)
contains.

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Color

CIELCh(38, 24.284, 346.622)

Conversions

Conversions Part 1

Format	Color
Hex	7A4B63
RGB	122, 75, 99
RGB Percent	48%, 29%, 39%
CMY	0.5212, 0.7056, 0.6115
CMYK	0.00, 0.39, 0.19, 0.52
HSL	329°, 24%, 39%
HSV	329°, 39%, 48%
XYZ	12.8144, 10.0881, 13.0953
YIQ	91.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

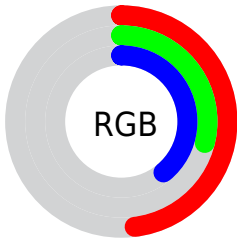
Format	Color
R_{YB}	122, 75, 99
Decimal	8014691
CIE Lab	38.00, 23.63, -5.62
CIE LCh	38, 24.284, 346.622
Yxy	10.0881, 0.3560, 0.2802
Android (android.graphics.Color)	4286204771 (0xFF7A4B63)
YUV	91.7890, 3.5550, 26.4950
Hunter-Lab	31.7617, 16.4339, -2.2119

Details

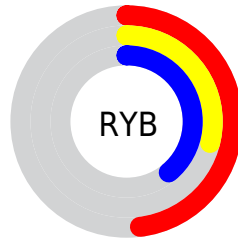
The CIELCh color $[38, 24.284, 346.622]$ is a dark color, and the websafe version is hex `#996666`. A complement of this color would be $[47, 23.288, 159.540]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 24.012, 346.244]$, and $[18, 24.548, 346.012]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 30.392, 347.856]$, and if you desaturate by 10%, it is $[41, 17.953, 345.547]$.

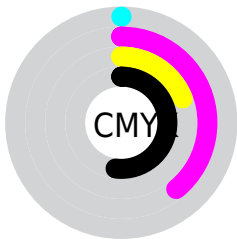
Distribution



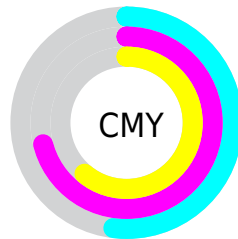
- Red (48%)
- Green (29%)
- Blue (39%)



- Red (48%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.284, 346.622 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, 24.284, 346.622 by changing the saturation by 10% instead.

 38, 24.284,
346.622

 38, 24.284,
346.622

 100, 24.284,
346.622

 28, 24.284,
346.622

 58, 24.284,
346.622

 18, 24.284,
346.622

 68, 24.284,
346.622

 8, 24.284, 346.622

 78, 24.284,
346.622

 0, 24.284, 346.622

 88, 24.284,
346.622

 98, 24.284,
346.622

■ 38, 24.284,
346.622

■ 38, 24.284,
346.622

■ 35, 30.392,
347.856

■ 41, 17.953,
345.547

■ 32, 36.050,
349.300

■ 45, 11.576,
344.587

■ 30, 40.970,
351.033

■ 48, 5.265, 343.701

■ 28, 44.854,
353.161

■ 52, 0.910, 163.283

■ 26, 47.476,
355.816

■ 55, 6.908, 162.302

■ 25, 49.145,
358.935

■ 59, 12.714,
161.624

■ 25, 49.412,
359.394

■ 63, 18.321,
161.007

■ 67, 23.736,
160.437

■ 70, 28.966,
159.906

Harmonies

Complementary

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



38, 24.284, 346.622



47, 23.288, 159.540

Rectangle

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



38, 24.284, 346.622



38, 24.284, 36.622



38, 24.284, 166.622



38, 24.284, 216.622

Sweetspot

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



38, 24.282, 346.623



60, 9.220, 344.032



36, 30.422, 310.358



30, 6.089, 344.117



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



38, 24.282, 346.623



46, 35.668, 347.673



37, 21.573, 21.582



24, 3.497, 343.751



26, 50.229, 359.498



54, 84.120, 1.891

Inverse Universe

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



38, 24.282, 346.623



46, 35.668, 347.673



48, 16.802, 196.036



24, 3.497, 343.751



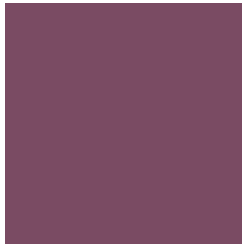
26, 50.229, 359.498



54, 84.120, 1.891

Previews

White Background



This preview shows how the CIELCh color 38, 24.284, 346.622 looks on a white background.

Color Contrast Check

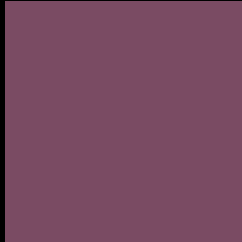
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.284, 346.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

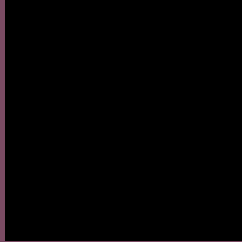
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 24.284, 346.622

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.284, 346.622.



This preview shows how white text looks on a background with the CIELCh color 38, 24.284, 346.622.

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, 24.284, 346.622

Protanopia

38, 11.716, 286.347

Deuteranopia

38, 7.026, 319.217



Tritanopia
38, 18.988, 11.449

Trichromacy



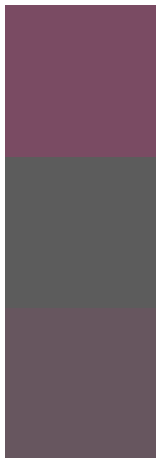
Original Color
38, 24.284, 346.622

Protanomaly
38, 14.342, 316.977

Deuteranomaly
38, 13.026, 336.427

Tritanomaly
38, 20.402, 1.931

Monochromacy



Original Color
38, 24.284, 346.622

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 9.073, 343.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.284, 346.622 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(122, 75, 99)` looks like.

```
.text, #text, p{  
    color:rgb(122, 75, 99)  
}
```

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(122, 75, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 75, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.284, 346.622 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(122, 75, 99) }
```

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

```
.border{ border-color:rgb(122, 75, 99) }
```

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

Here you see how a box with a 4 pixel rgb(122, 75, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 75, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 75, 99);  
box-shadow:4px 4px 4px 4px rgb(122, 75,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.284, 346.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 75, 99) }
```

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

```
.background{ background-color: rgb(122, 75,  
99) }
```

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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