

Converting Colors

CIELCh(42, 34.913, 24.892)

Have a look what the booklet for
CIELCh(42, 34.913, 24.892) contains.

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Color

CIELCh(42, 34.887, 24.834)

Conversions

Conversions Part 1

Format	Color
Hex	984D4D
RGB	152, 77, 77
RGB Percent	60%, 30%, 30%
CMY	0.4020, 0.6997, 0.6997
CMYK	0.00, 0.50, 0.50, 0.40
HSL	360°, 33%, 45%
HSV	360°, 50%, 60%
XYZ	16.9906, 12.5000, 8.4615
YIQ	99.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

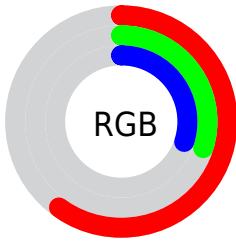
Format	Color
RYB	152, 77, 77
Decimal	9981261
CIELab	42.00, 31.66, 14.65
CIElCh	42, 34.887, 24.834
Yxy	12.5000, 0.4477, 0.3294
Android (android.graphics.Color)	4288171341 (0xFF984D4D)
YUV	99.4250, -11.0555, 46.1083
Hunter-Lab	35.3553, 23.9092, 10.5590

Details

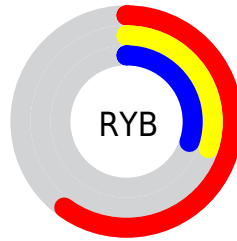
The CIELCh color **42, 34.887, 24.834** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 24.493, 197.187**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 34.251, 24.916**, and **22, 34.242, 24.951** is the 20% darker color. If you saturate the color by 10%, you get **39, 42.939, 27.064**, and if you desaturate by 10%, it is **46, 27.034, 23.111**.

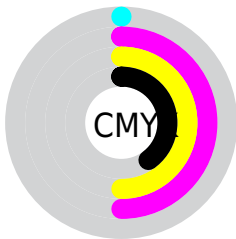
Distribution



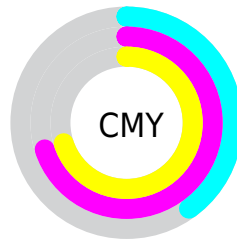
- Red (60%)
- Green (30%)
- Blue (30%)



- Red (60%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 34.887, 24.834 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 42, 34.887, 24.834 by changing the saturation by 10% instead.

42, 34.887, 24.834

42, 34.887, 24.834

100, 34.887,
24.834

32, 34.887, 24.834

62, 34.887, 24.834

22, 34.887, 24.834

72, 34.887, 24.834

12, 34.887, 24.834

82, 34.887, 24.834

2, 34.887, 24.834

92, 34.887, 24.834

0, 34.887, 24.834

42, 34.887, 24.834

42, 34.887, 24.834

39, 42.939, 27.064

46, 27.034, 23.111

36, 50.962, 29.866

50, 19.546, 21.780

34, 58.630, 33.195

54, 12.509, 20.748

32, 65.384, 36.666

59, 5.956, 19.920

31, 70.629, 39.450

63, 0.120, 203.138

31, 70.735, 39.501

68, 5.748, 198.971

72, 10.967,
198.546

77, 15.822,
198.221

82, 20.355,
197.961

Harmonies

Complementary

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



42, 34.887, 24.834



58, 24.493, 197.187

Rectangle

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



42, 34.887, 24.834



42, 34.887, 74.834



42, 34.887, 204.834



42, 34.887, 254.834

Sweetspot

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



42, 34.885, 24.837



72, 11.570, 20.358



44, 50.970, 326.479



36, 7.932, 20.521



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



42, 34.885, 24.837



50, 53.656, 27.423



51, 28.464, 67.662



30, 3.439, 19.876



28, 66.104, 39.040



1, 3.595, 19.384

Inverse Universe

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



42, 34.885, 24.837



50, 53.656, 27.423



47, 24.331, 262.635



30, 3.439, 19.876



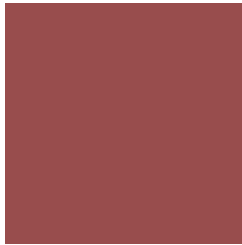
28, 66.104, 39.040



1, 3.595, 19.384

Previews

White Background



This preview shows how the CIELCh color 42, 34.887, 24.834 looks on a white background.

Color Contrast Check

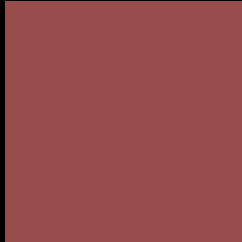
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 34.887, 24.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

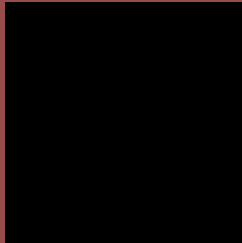
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 34.887, 24.834

Background



This preview shows how black text looks on a background with the CIELCh color 42, 34.887, 24.834.



This preview shows how white text looks on a background with the CIELCh color 42, 34.887, 24.834.

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

42, 34.434, 24.765

Protanopia

42, 7.533, 92.235

Deuteranopia

42, 17.338, 72.028



Tritanopia
42, 34.760, 20.238

Trichromacy



Original Color
42, 34.434, 24.765

Protanomaly
42, 14.934, 39.743

Deuteranomaly
42, 21.929, 45.572

Tritanomaly
42, 34.988, 22.151

Monochromacy



Original Color
42, 34.434, 24.765

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 11.835, 21.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 34.887, 24.834 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(152, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(152, 77, 77)  
}
```

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(152, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 77, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 34.887, 24.834 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(152, 77, 77) }
```

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

```
.border{ border-color:rgb(152, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(152, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(152, 77,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 34.887, 24.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 77, 77) }
```

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

```
.background{ background-color: rgb(152, 77,  
77) }
```

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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