

Converting Colors

CIELCh(42, 35.607, 19.634)

Have a look what the booklet for
CIELCh(42, 35.607, 19.634) contains.

CIELCh(42, 35.607, 19.634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(42, 35.607, 19.634)

Conversions

Conversions Part 1

Format	Color
Hex	9A4B51
RGB	154, 75, 81
RGB Percent	60%, 29%, 32%
CMY	0.3960, 0.7058, 0.6823
CMYK	0.00, 0.51, 0.47, 0.40
HSL	355°, 34%, 45%
HSV	355°, 51%, 60%
XYZ	17.3323, 12.5000, 9.2864
YIQ	99.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

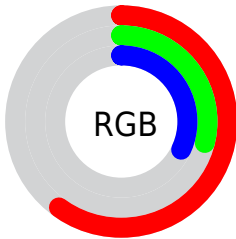
Format	Color
R_{YB}	154, 75, 81
Decimal	10111825
CIE Lab	42.00, 33.54, 11.96
CIE LCh	42, 35.607, 19.634
Yxy	12.5000, 0.4431, 0.3195
Android (android.graphics.Color)	4288301905 (0xFF9A4B51)
YUV	99.3050, -9.0244, 47.9675
Hunter-Lab	35.3553, 25.6345, 9.1757

Details

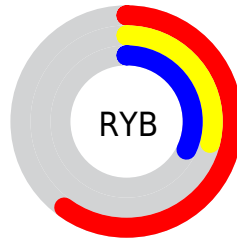
The CIELCh color **42, 35.607, 19.634** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 26.088, 189.497**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 35.460, 19.861**, and **22, 35.463, 19.353** is the 20% darker color. If you saturate the color by 10%, you get **39, 43.231, 22.097**, and if you desaturate by 10%, it is **46, 28.012, 17.702**.

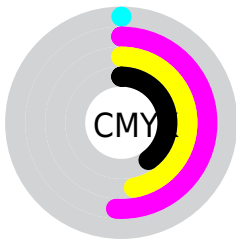
Distribution



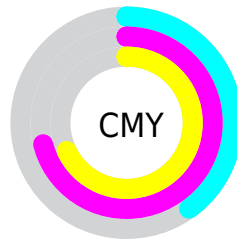
- Red (60%)
- Green (29%)
- Blue (32%)



- Red (60%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 35.607, 19.634 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, 35.607, 19.634 by changing the saturation by 10% instead.

■ 42, 35.607, 19.634

■ 42, 35.607, 19.634

■ 100, 35.607,
19.634

■ 32, 35.607, 19.634

■ 62, 35.607, 19.634

■ 22, 35.607, 19.634

■ 72, 35.607, 19.634

■ 12, 35.607, 19.634

■ 82, 35.607, 19.634

■ 2, 35.607, 19.634

■ 92, 35.607, 19.634

■ 0, 35.607, 19.634

■ 42, 35.607, 19.634

■ 42, 35.607, 19.634

■ 39, 43.231, 22.097

■ 46, 28.012, 17.702

■ 36, 50.651, 25.192

■ 50, 20.639, 16.176

■ 34, 57.614, 28.947

■ 54, 13.609, 14.956

■ 32, 63.837, 33.153

■ 58, 6.981, 13.950

■ 32, 68.508, 36.403

■ 63, 0.773, 12.639

■ 68, 5.026, 192.641

■ 72, 10.443,
192.036

■ 77, 15.513,
191.545

■ 82, 20.272,
191.126

Harmonies

Complementary

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



42, 35.607, 19.634



59, 26.088, 189.497

Rectangle

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



42, 35.607, 19.634



42, 35.607, 69.634



42, 35.607, 199.634



42, 35.607, 249.634

Sweetspot

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



42, 35.605, 19.637



73, 11.698, 14.334



44, 52.150, 324.520



37, 8.097, 14.530



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



42, 35.605, 19.637



50, 54.541, 22.649



50, 29.429, 60.729



30, 3.451, 13.756



28, 63.634, 35.953



1, 3.622, 13.221

Inverse Universe

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



42, 35.605, 19.637



50, 54.541, 22.649



49, 23.424, 254.780



30, 3.451, 13.756



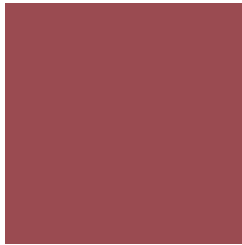
28, 63.634, 35.953



1, 3.622, 13.221

Previews

White Background



This preview shows how the CIELCh color 42, 35.607, 19.634 looks on a white background.

Color Contrast Check

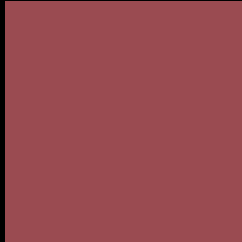
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.607, 19.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

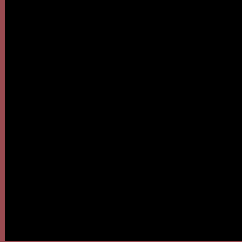
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 35.607, 19.634

Background



This preview shows how black text looks on a background with the CIELCh color 42, 35.607, 19.634.



This preview shows how white text looks on a background with the CIELCh color 42, 35.607, 19.634.

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, 35.607, 19.634

Protanopia

42, 3.984, 84.224

Deuteranopia

42, 14.590, 67.416



Tritanopia
42, 35.710, 20.573

Trichromacy



Original Color
42, 35.607, 19.634

Protanomaly
41, 14.195, 23.739

Deuteranomaly
42, 20.250, 37.160

Tritanomaly
42, 35.710, 20.573

Monochromacy



Original Color
42, 35.607, 19.634

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 12.711, 15.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 35.607, 19.634 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(154, 75, 81)` looks like.

```
.text, #text, p{  
    color:rgb(154, 75, 81)  
}
```

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(154, 75, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 75, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 35.607, 19.634 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(154, 75, 81) }
```

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

```
.border{ border-color:rgb(154, 75, 81) }
```

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

Here you see how a box with a 4 pixel rgb(154, 75, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 75, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 75, 81);  
box-shadow:4px 4px 4px 4px rgb(154, 75,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 35.607, 19.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 75, 81) }
```

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

```
.background{ background-color: rgb(154, 75,  
81) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor