

Converting Colors

CIELCh(41, 34.058, 41.689)

Have a look what the booklet for
CIELCh(41, 34.058, 41.689) contains.

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Color

CIELCh(41, 33.961, 41.608)

Conversions

Conversions Part 1

Format	Color
Hex	904F3D
RGB	144, 79, 61
RGB Percent	56%, 31%, 24%
CMY	0.4352, 0.6901, 0.7607
CMYK	0.00, 0.45, 0.58, 0.44
HSL	13°, 40%, 40%
HSV	13°, 58%, 56%
XYZ	15.1472, 11.8645, 5.9099
YIQ	96.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

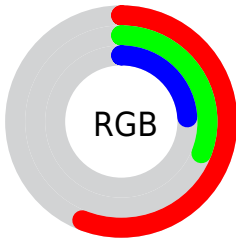
Format	Color
R_{YB}	144, 84, 61
Decimal	9457469
CIE _{Lab}	41.00, 25.39, 22.55
CIE _{LCh}	41, 33.961, 41.608
Y _{xy}	11.8645, 0.4601, 0.3604
Android (android.graphics.Color)	4287647549 (0xFF904F3D)
YUV	96.3830, -17.4438, 41.7601
Hunter-Lab	34.4449, 18.2170, 13.9387

Details

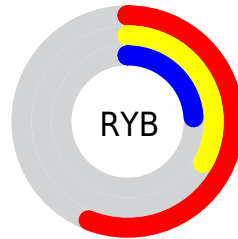
The CIELCh color **41, 33.961, 41.608** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 22.137, 226.420**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 33.971, 41.226**, and **21, 33.885, 41.537** is the 20% darker color. If you saturate the color by 10%, you get **38, 41.256, 42.221**, and if you desaturate by 10%, it is **44, 27.018, 41.203**.

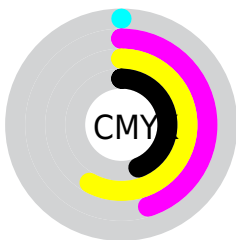
Distribution



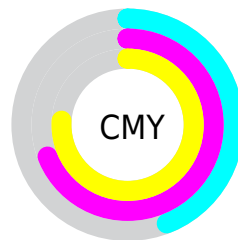
- Red (56%)
- Green (31%)
- Blue (24%)



- Red (56%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 33.961, 41.608 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 41, 33.961, 41.608 by changing the saturation by 10% instead.

■ 41, 33.961, 41.608

■ 41, 33.961, 41.608

■ 100, 33.961,
41.608

■ 31, 33.961, 41.608

■ 61, 33.961, 41.608

■ 21, 33.961, 41.608

■ 71, 33.961, 41.608

■ 11, 33.961, 41.608

■ 81, 33.961, 41.608

■ 1, 33.961, 41.608

■ 91, 33.961, 41.608

■ 0, 33.961, 41.608

■ 41, 33.961, 41.608

■ 41, 33.961, 41.608

■ 38, 41.256, 42.221

■ 44, 27.018, 41.203

■ 36, 48.717, 42.975

■ 47, 20.512, 40.986

■ 34, 55.909, 43.675

■ 50, 14.465, 40.934

■ 32, 62.218, 44.127

■ 54, 8.865, 41.008

■ 32, 63.648, 44.326

■ 57, 3.688, 41.139

■ 61, 1.105, 221.914

■ 64, 5.550, 221.945

■ 68, 9.687, 222.291

■ 71, 13.552,
222.685

Harmonies

Complementary

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



41, 33.961, 41.608



49, 22.137, 226.420

Rectangle

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



41, 33.961, 41.608



41, 33.961, 91.608



41, 33.961, 221.608



41, 33.961, 271.608

Sweetspot

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



41, 33.960, 41.612



68, 10.527, 41.011



39, 47.944, 335.000



35, 7.147, 40.991



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 33.960, 41.612



49, 52.344, 42.421



52, 35.635, 87.653



28, 2.726, 41.123



30, 60.383, 44.237



1, 1.782, 41.451

Inverse Universe

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



49, 22.137, 226.420



61, 30.311, 228.998



37, 36.981, 285.377



29, 2.582, 221.878



41, 27.591, 238.054



1, 1.782, 221.471

Previews

White Background



This preview shows how the CIE LCh color 41, 33.961, 41.608 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 41, 33.961, 41.608 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 41, 33.961, 41.608

Background



This preview shows how black text looks on a background with the CIELCh color 41, 33.961, 41.608.



This preview shows how white text looks on a background with the CIELCh color 41, 33.961, 41.608.

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

41, 33.961, 41.608

Protanopia

41, 17.801, 95.468

Deuteranopia

41, 24.487, 77.392



Tritanopia
41, 31.125, 17.986

Trichromacy



Original Color
41, 33.961, 41.608

Protanomaly
41, 20.788, 66.223

Deuteranomaly
41, 26.341, 61.596

Tritanomaly
41, 31.728, 27.400

Monochromacy



Original Color
41, 33.961, 41.608

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 11.219, 42.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 33.961, 41.608 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(144, 79, 61)` looks like.

```
.text, #text, p{  
    color:rgb(144, 79, 61)  
}
```

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(144, 79, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 79, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 33.961, 41.608 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(144, 79, 61) }
```

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

```
.border{ border-color:rgb(144, 79, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 79, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 79, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 79, 61);  
box-shadow:4px 4px 4px 4px rgb(144, 79,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 33.961, 41.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 79, 61) }
```

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

```
.background{ background-color: rgb(144, 79,  
61) }
```

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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