

Converting Colors

CIELCh(41, 40.645, 1.635)

Have a look what the booklet for
CIELCh(41, 40.645, 1.635) contains.

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Color

CIELCh(41, 40.614, 1.630)

Conversions

Conversions Part 1

Format	Color
Hex	9C4260
RGB	156, 66, 96
RGB Percent	61%, 26%, 38%
CMY	0.3873, 0.7403, 0.6227
CMYK	0.00, 0.58, 0.38, 0.39
HSL	340°, 40%, 44%
HSV	340°, 58%, 61%
XYZ	17.8416, 11.8645, 12.4682
YIQ	96.3300, 44.0100, 28.4100

Conversions

Conversions Part 2

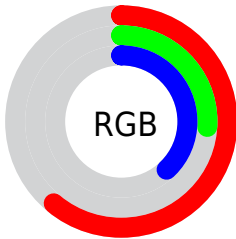
Format	Color
R_{YB}	156, 66, 96
Decimal	10240608
CIE _{Lab}	41.00, 40.60, 1.16
CIE _{LCh}	41, 40.614, 1.630
Yxy	11.8645, 0.4230, 0.2813
Android (android.graphics.Color)	4288430688 (0xFF9C4260)
YUV	96.3300, -0.1627, 52.3306
Hunter-Lab	34.4449, 32.1800, 2.6499

Details

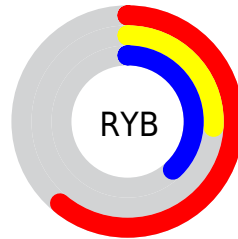
The CIELCh color **41, 40.614, 1.630** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **59, 35.172, 167.341**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 40.279, 2.012**, and **21, 40.692, 1.567** is the 20% darker color. If you saturate the color by 10%, you get **38, 46.780, 4.155**, and if you desaturate by 10%, it is **44, 33.782, 359.608**.

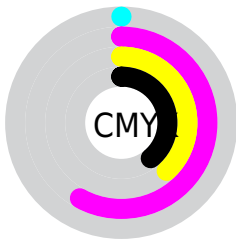
Distribution



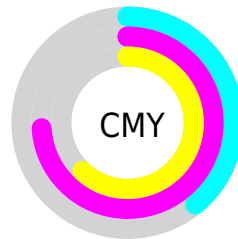
- Red (61%)
- Green (26%)
- Blue (38%)



- Red (61%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (39%)

















- Cyan (39%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 40.614, 1.630 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, 40.614, 1.630 by changing the saturation by 10% instead.

 41, 40.614, 1.630	 41, 40.614, 1.630
 100, 40.614, 1.630	 31, 40.614, 1.630
 61, 40.614, 1.630	 21, 40.614, 1.630
 71, 40.614, 1.630	 11, 40.614, 1.630
 81, 40.614, 1.630	 1, 40.614, 1.630
 91, 40.614, 1.630	 0, 40.614, 1.630

 41, 40.614, 1.630	 41, 40.614, 1.630
 38, 46.780, 4.155	 44, 33.782, 359.608
 36, 51.971, 7.338	
 34, 55.986, 11.340	 48, 26.607, 357.954

33, 59.009, 16.137

52, 19.338,
356.571

33, 59.759, 17.272

57, 12.153,
355.386

61, 5.160, 354.326

66, 1.581, 173.752

70, 8.046, 172.758

75, 14.232,
172.019

79, 20.147,
171.360

Harmonies

Complementary

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



41, 40.614, 1.630



59, 35.172, 167.341

Rectangle

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



41, 40.614, 1.630



41, 40.614, 51.630



41, 40.614, 181.630



41, 40.614, 231.630

Sweetspot

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



41, 40.612, 1.632



73, 14.571, 355.356



39, 56.909, 316.982



37, 9.753, 355.559



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



41, 40.612, 1.632



49, 58.879, 4.956



43, 37.435, 37.604



31, 3.882, 354.498



29, 55.851, 16.793



1, 4.947, 354.863

Inverse Universe

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



41, 40.612, 1.632



49, 58.879, 4.956



55, 23.970, 218.768



31, 3.882, 354.498



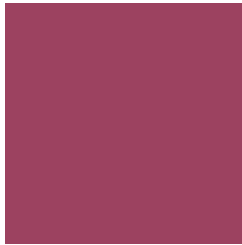
29, 55.851, 16.793



1, 4.947, 354.863

Previews

White Background



This preview shows how the CIELCh color 41, 40.614, 1.630 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, 40.614, 1.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

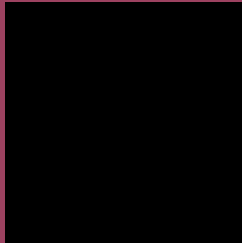
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 40.614, 1.630

Background



This preview shows how black text looks on a background with the CIELCh color 41, 40.614, 1.630.



This preview shows how white text looks on a background with the CIELCh color 41, 40.614, 1.630.

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, 40.614, 1.630

Protanopia

41, 10.343, 285.286

Deuteranopia

41, 6.604, 30.681



Tritanopia
41, 38.697, 21.706

Trichromacy



Original Color
41, 40.614, 1.630

Protanomaly
40, 18.384, 335.670

Deuteranomaly
41, 19.069, 4.044

Tritanomaly
41, 38.417, 14.055

Monochromacy



Original Color
41, 40.614, 1.630

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 15.531, 356.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 40.614, 1.630 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(156, 66, 96)` looks like.

```
.text, #text, p{  
    color:rgb(156, 66, 96)  
}
```

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(156, 66, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 66, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 40.614, 1.630 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(156, 66, 96) }
```

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

```
.border{ border-color:rgb(156, 66, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 66, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 66, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 66, 96);  
box-shadow:4px 4px 4px 4px rgb(156, 66,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 40.614, 1.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 66, 96) }
```

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

```
.background{ background-color: rgb(156, 66,  
96) }
```

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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