

Converting Colors

CIELCh(41, 15.970, 101.144)

Have a look what the booklet for
CIELCh(41, 15.970, 101.144)
contains.

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Color

CIELCh(41, 15.729, 101.086)

Conversions

Conversions Part 1

Format	Color
Hex	656147
RGB	101, 97, 71
RGB Percent	40%, 38%, 28%
CMY	0.6025, 0.6182, 0.7202
CMYK	0.00, 0.04, 0.30, 0.60
HSL	52°, 17%, 34%
HSV	52°, 30%, 40%
XYZ	10.8655, 11.8645, 7.7374
YIQ	95.2320, 10.7300, -7.2380

Conversions

Conversions Part 2

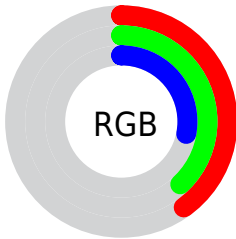
Format	Color
R_{YB}	76, 101, 71
Decimal	6644039
CIE _{Lab}	41.00, -3.02, 15.44
CIE _{LCh}	41, 15.729, 101.086
Yxy	11.8645, 0.3566, 0.3894
Android (android.graphics.Color)	4284834119 (0xFF656147)
YUV	95.2320, -11.9464, 5.0585
Hunter-Lab	34.4449, -3.9714, 10.7930

Details

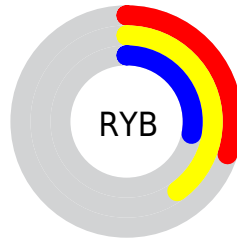
The CIELCh color $41, 15.729, 101.086$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 16.466, 287.795$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 15.728, 102.342$, and $21, 15.953, 100.691$ is the 20% darker color. If you saturate the color by 10%, you get $40, 20.984, 100.037$, and if you desaturate by 10%, it is $42, 10.422, 102.133$.

Distribution



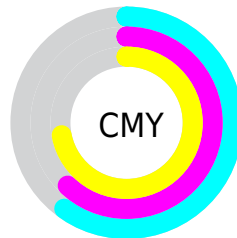
- Red (40%)
- Green (38%)
- Blue (28%)



- Red (30%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (60%)





- Cyan (60%)
- Magenta (62%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 15.729, 101.086 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, 15.729, 101.086 by changing the saturation by 10% instead.


 41, 15.729,
101.086


 41, 15.729,
101.086


 100, 15.729,
101.086


 31, 15.729,
101.086

 61, 15.729,
101.086


 21, 15.729,
101.086

 71, 15.729,
101.086


 11, 15.729,
101.086


 81, 15.729,
101.086

 1, 15.729, 101.086

 91, 15.729,
101.086

 0, 15.729, 101.086

 41, 15.729,

 41, 15.729,

101.086

101.086

■ 40, 20.984,
100.037

■ 42, 10.422,
102.133

■ 40, 26.120, 98.982

■ 42, 5.101, 103.152

■ 39, 31.035, 97.937

■ 43, 0.209, 284.523

■ 39, 35.565, 96.914

■ 44, 5.495, 285.150

■ 38, 39.476, 95.919

■ 44, 10.748,
286.077

■ 38, 42.467, 94.954

■ 45, 15.963,
286.970

■ 37, 45.040, 94.028

■ 37, 45.149, 93.994

■ 46, 21.136,
287.824

■ 47, 26.267,
288.638

■ 48, 31.354,

Harmonies

Complementary

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



41, 15.729, 101.086



33, 16.466, 287.795

Rectangle

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



41, 15.729, 101.086



41, 15.729, 151.086



41, 15.729, 281.086



41, 15.729, 331.086

Sweetspot

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



41, 15.730, 101.091



55, 5.953, 103.187



34, 13.799, 10.072



28, 4.104, 103.080



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 15.730, 101.091



52, 23.799, 100.307



41, 18.541, 122.172



21, 2.993, 103.221



42, 49.236, 93.852



84, 84.992, 93.236

Inverse Universe

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



33, 16.466, 287.795



40, 25.274, 288.996



32, 19.518, 305.360



19, 3.036, 285.084



13, 66.982, 303.374



33, 121.162, 304.597

Previews

White Background



This preview shows how the CIELCh color 41, 15.729, 101.086 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, 15.729, 101.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

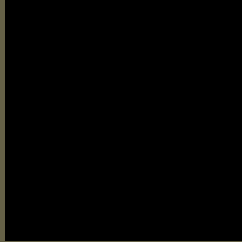
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

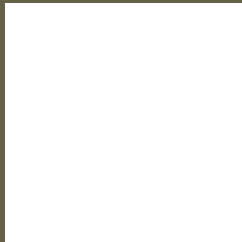
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 15.729, 101.086

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.729, 101.086.



This preview shows how white text looks on a background with the CIELCh color 41, 15.729, 101.086.

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, 15.729, 101.086

Protanopia

41, 15.957, 96.146

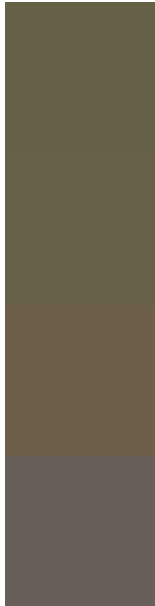
Deuteranopia

41, 16.152, 71.064



Tritanopia
41, 6.267, 337.661

Trichromacy



Original Color
41, 15.729, 101.086

Protanomaly
41, 15.867, 97.779

Deuteranomaly
41, 15.363, 83.153

Tritanomaly
41, 4.927, 57.487

Monochromacy



Original Color
41, 15.729, 101.086

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 5.508, 100.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.729, 101.086 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(101, 97, 71)` looks like.

```
.text, #text, p{  
    color:rgb(101, 97, 71)  
}
```

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(101, 97, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 97, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.729, 101.086 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(101, 97, 71) }
```

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

```
.border{ border-color:rgb(101, 97, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 97, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 97, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 97, 71);  
box-shadow:4px 4px 4px 4px rgb(101, 97,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.729, 101.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 97, 71) }
```

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

```
.background{ background-color: rgb(101, 97,  
71) }
```

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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