

Converting Colors

CIELCh(41, 28.927, 147.691)

Have a look what the booklet for
CIELCh(41, 28.927, 147.691)
contains.

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Color

CIELCh(41, 29.509, 147.497)

Conversions

Conversions Part 1

Format	Color
Hex	3C6B46
RGB	60, 107, 70
RGB Percent	24%, 42%, 27%
CMY	0.7655, 0.5812, 0.7263
CMYK	0.44, 0.00, 0.35, 0.58
HSL	133°, 28%, 33%
HSV	133°, 44%, 42%
XYZ	8.1854, 11.8645, 7.6201
YIQ	88.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

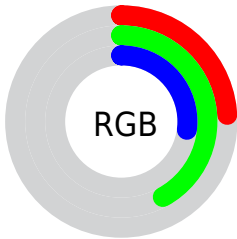
Format	Color
R_{YB}	60, 99, 107
Decimal	3959622
CIE _{Lab}	41.00, -24.89, 15.86
CIE _{LCh}	41, 29.509, 147.497
Yxy	11.8645, 0.2958, 0.4288
Android (android.graphics.Color)	4282149702 (0xFF3C6B46)
YUV	88.7290, -9.2334, -25.1953
Hunter-Lab	34.4449, -17.8601, 10.9951

Details

The CIELCh color **41, 29.509, 147.497** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 29.601, 333.756**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 29.466, 147.687**, and **21, 29.540, 147.528** is the 20% darker color. If you saturate the color by 10%, you get **40, 35.792, 146.363**, and if you desaturate by 10%, it is **42, 22.949, 148.490**.

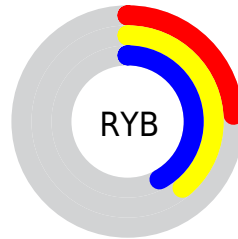
Distribution



Red (24%)

Green (42%)

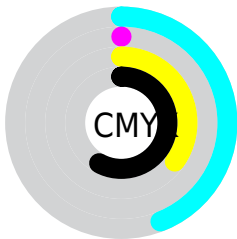
Blue (27%)



Red (24%)

Yellow (39%)

Blue (42%)

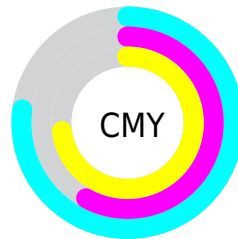


Cyan (44%)

Magenta (0%)

Yellow (35%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 29.509, 147.497 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, 29.509, 147.497 by changing the saturation by 10% instead.


 41, 29.509,
147.497


 41, 29.509,
147.497


 100, 29.509,
147.497


 31, 29.509,
147.497

 61, 29.509,
147.497


 21, 29.509,
147.497

 71, 29.509,
147.497

 11, 29.509,
147.497


 81, 29.509,
147.497

 1, 29.509, 147.497

 91, 29.509,
147.497

 0, 29.509, 147.497

 41, 29.509,

 41, 29.509,

147.497

147.497

■ 40, 35.792,
146.363

■ 42, 22.949,
148.490

■ 40, 41.668,
145.080

■ 43, 16.227,
149.357

■ 39, 47.005,
143.656

■ 44, 9.445, 150.116

■ 39, 51.679,
142.117

■ 45, 2.684, 150.822

■ 46, 3.992, 331.269

■ 39, 55.605,
140.548

■ 47, 10.539,
331.801

■ 39, 57.697,
139.779

■ 48, 16.925,
332.250

■ 50, 23.130,
332.645

■ 51, 29.145,

Harmonies

Complementary

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



41, 29.509, 147.497



32, 29.601, 333.756

Rectangle

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



41, 29.509, 147.497



41, 29.509, 197.497



41, 29.509, 327.497



41, 29.509, 17.497

Sweetspot

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



41, 29.510, 147.497



56, 10.796, 150.163



43, 27.749, 115.180



28, 7.503, 150.042



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 29.510, 147.497



52, 43.248, 146.313



42, 19.958, 171.652



22, 3.787, 150.468



43, 61.971, 139.577



85, 109.271, 138.545

Inverse Universe

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



32, 29.601, 333.756



39, 43.148, 334.483



31, 22.604, 1.065



21, 3.800, 331.483



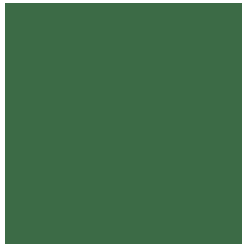
26, 55.566, 338.443



55, 94.773, 339.193

Previews

White Background



This preview shows how the CIE LCh color 41, 29.509, 147.497 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, 29.509, 147.497 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, 29.509, 147.497

Background



This preview shows how black text looks on a background with the CIELCh color 41, 29.509, 147.497.



This preview shows how white text looks on a background with the CIELCh color 41, 29.509, 147.497.

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, 29.509, 147.497

Protanopia

41, 18.991, 95.933

Deuteranopia

41, 15.202, 68.630



Tritanopia
41, 12.768, 220.626

Trichromacy



Original Color
41, 29.509, 147.497

Protanomaly
41, 20.452, 122.536

Deuteranomaly
40, 15.103, 112.999

Tritanomaly
41, 15.759, 177.135

Monochromacy



Original Color
41, 29.509, 147.497

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 10.792, 150.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 29.509, 147.497 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(60, 107, 70)` looks like.

```
.text, #text, p{  
    color:rgb(60, 107, 70)  
}
```

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(60, 107, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 107, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 29.509, 147.497 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(60, 107, 70) }
```

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

```
.border{ border-color:rgb(60, 107, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 107, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 107, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 107, 70);  
box-shadow:4px 4px 4px 4px rgb(60, 107,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 29.509, 147.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 107, 70) }
```

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

```
.background{ background-color: rgb(60, 107,  
70) }
```

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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