

Converting Colors

CIELCh(41, 28.325, 119.256)

Have a look what the booklet for
CIELCh(41, 28.325, 119.256)
contains.

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Color

CIELCh(41, 28.361, 119.237)

Conversions

Conversions Part 1

Format	Color
Hex	586637
RGB	88, 102, 55
RGB Percent	35%, 40%, 22%
CMY	0.6547, 0.5998, 0.7841
CMYK	0.14, 0.00, 0.46, 0.60
HSL	78°, 30%, 31%
HSV	78°, 46%, 40%
XYZ	9.4750, 11.8645, 5.4104
YIQ	92.4560, 6.7430, -17.5850

Conversions

Conversions Part 2

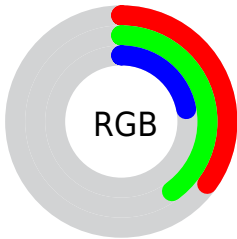
Format	Color
RYB	55, 102, 69
Decimal	5793335
CIELab	41.00, -13.85, 24.75
CIELCh	41, 28.361, 119.237
Yxy	11.8645, 0.3542, 0.4435
Android (android.graphics.Color)	4283983415 (0xFF586637)
YUV	92.4560, -18.4658, -3.9079
Hunter-Lab	34.4449, -11.1774, 14.7986

Details

The CIELCh color **41, 28.361, 119.237** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27, 31.113, 304.909**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 28.249, 119.137**, and **21, 28.406, 119.074** is the 20% darker color. If you saturate the color by 10%, you get **41, 34.056, 118.789**, and if you desaturate by 10%, it is **41, 22.399, 119.756**.

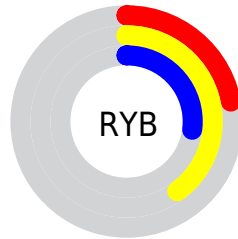
Distribution



Red (35%)

Green (40%)

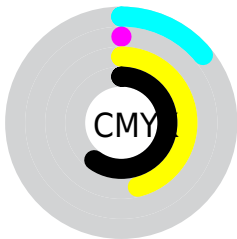
Blue (22%)



Red (22%)

Yellow (40%)

Blue (27%)

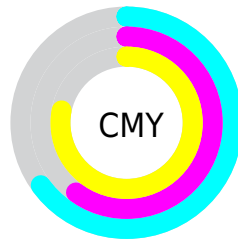


Cyan (14%)

Magenta (0%)

Yellow (46%)

Black (60%)



Cyan (65%)

Magenta (60%)

Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 28.361, 119.237 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, 28.361, 119.237 by changing the saturation by 10% instead.


 41, 28.361,
119.237


 41, 28.361,
119.237


 100, 28.361,
119.237

 31, 28.361,
119.237

 61, 28.361,
119.237


 21, 28.361,
119.237

 71, 28.361,
119.237

 11, 28.361,
119.237


 81, 28.361,
119.237

 1, 28.361, 119.237

 91, 28.361,
119.237

 0, 28.361, 119.237

 41, 28.361,

 41, 28.361,

119.237

119.237

■ 41, 34.056,
118.789

■ 41, 22.399,
119.756

■ 40, 39.332,
118.459

■ 42, 16.273,
120.304

■ 40, 43.984,
118.321

■ 42, 10.055,
120.859

■ 40, 47.766,
118.463

■ 43, 3.794, 121.409

■ 39, 50.704,
118.867

■ 43, 2.474, 301.915

■ 44, 8.725, 302.423

■ 39, 51.890,
118.986

■ 45, 14.940,
302.896

■ 45, 21.106,
303.337

■ 46, 27.212,

Harmonies

Complementary

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



41, 28.361, 119.237



27, 31.113, 304.909

Rectangle

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



41, 28.361, 119.237



41, 28.361, 169.237



41, 28.361, 299.237



41, 28.361, 349.237

Sweetspot

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



41, 28.362, 119.239



54, 10.871, 120.951



32, 18.849, 47.568



27, 7.443, 120.864



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, 28.362, 119.239



52, 41.397, 118.769



39, 32.279, 135.916



21, 3.514, 121.252



44, 56.449, 119.175



88, 98.408, 120.022

Inverse Universe

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



27, 31.113, 304.909



31, 46.648, 305.823



29, 32.936, 320.165



19, 3.575, 302.212



13, 71.687, 308.692



34, 125.205, 308.148

Previews

White Background



This preview shows how the CIELCh color 41, 28.361, 119.237 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, 28.361, 119.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

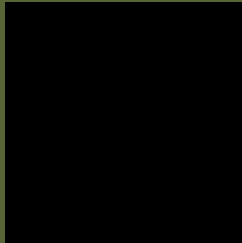
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 28.361, 119.237

Background



This preview shows how black text looks on a background with the CIELCh color 41, 28.361, 119.237.



This preview shows how white text looks on a background with the CIELCh color 41, 28.361, 119.237.

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, 28.361, 119.237

Protanopia

41, 26.442, 96.730

Deuteranopia

41, 24.536, 77.339



Tritanopia
41, 4.913, 281.498

Trichromacy



Original Color
41, 28.361, 119.237

Protanomaly
41, 26.536, 106.114

Deuteranomaly
41, 24.337, 95.132

Tritanomaly
41, 7.717, 128.570

Monochromacy



Original Color
41, 28.361, 119.237

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 10.533, 120.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 28.361, 119.237 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(88, 102, 55)` looks like.

```
.text, #text, p{  
    color:rgb(88, 102, 55)  
}
```

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(88, 102, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 102, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 28.361, 119.237 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(88, 102, 55) }
```

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

```
.border{ border-color:rgb(88, 102, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 102, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 102, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 102, 55);  
box-shadow:4px 4px 4px 4px rgb(88, 102,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 28.361, 119.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 102, 55) }
```

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

```
.background{ background-color: rgb(88, 102,  
55) }
```

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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