

Converting Colors

CIELCh(47, 13.613, 120.146)

Have a look what the booklet for
CIELCh(47, 13.613, 120.146)
contains.

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Color

CIELCh(47, 13.175, 119.671)

Conversions

Conversions Part 1

Format	Color
Hex	6C725C
RGB	108, 114, 92
RGB Percent	42%, 45%, 36%
CMY	0.5762, 0.5526, 0.6389
CMYK	0.05, 0.00, 0.19, 0.55
HSL	76°, 11%, 40%
HSV	76°, 19%, 45%
XYZ	14.1551, 16.0195, 12.4885
YIQ	109.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

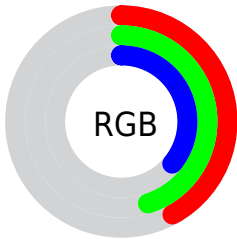
Format	Color
R _Y B	92, 114, 98
Decimal	7107164
CIE Lab	47.00, -6.52, 11.45
CIE LCh	47, 13.175, 119.671
Yxy	16.0195, 0.3318, 0.3755
Android (android.graphics.Color)	4285297244 (0xFF6C725C)
YUV	109.6980, -8.7251, -1.4891
Hunter-Lab	40.0243, -6.9138, 9.5172

Details

The CIELCh color $47, 13.175, 119.671$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 13.665, 301.988$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.393, 119.026$, and $27, 13.175, 120.257$ is the 20% darker color. If you saturate the color by 10%, you get $47, 19.932, 119.091$, and if you desaturate by 10%, it is $48, 6.353, 120.256$.

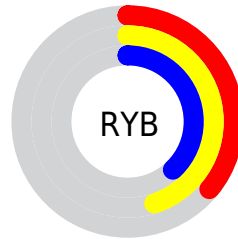
Distribution



Red (42%)

Green (45%)

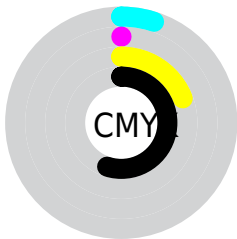
Blue (36%)



Red (36%)

Yellow (45%)

Blue (38%)

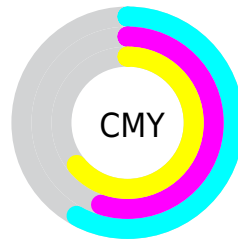


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (55%)



Cyan (58%)


Magenta (55%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.175, 119.671 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 47, 13.175, 119.671 by changing the saturation by 10% instead.


 47, 13.175,
119.671


 47, 13.175,
119.671


 100, 13.175,
119.671


 37, 13.175,
119.671

 67, 13.175,
119.671


 27, 13.175,
119.671


 77, 13.175,
119.671

 17, 13.175,
119.671


 87, 13.175,
119.671

 7, 13.175, 119.671

 97, 13.175,
119.671

 0, 13.175, 119.671

 47, 13.175,

 47, 13.175,

119.671

119.671

■ 47, 19.932,
119.091

■ 48, 6.353, 120.256

■ 46, 26.558,
118.523

■ 48, 0.493, 300.763

■ 49, 7.332, 301.350

■ 46, 32.962,
118.000

■ 49, 14.140,
301.861

■ 45, 39.007,
117.563

■ 50, 20.901,
302.341

■ 45, 44.500,
117.274

■ 51, 27.603,
302.789

■ 45, 49.187,
117.213

■ 52, 34.236,
303.205

■ 44, 52.788,
117.472

■ 52, 40.793,
303.590

■ 44, 55.613,
117.932

■ 53, 47.269,

■ 44, 55.821,
117.958

303.946

Harmonies

Complementary

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



47, 13.175, 119.671



40, 13.665, 301.988

Rectangle

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



47, 13.175, 119.671



47, 13.175, 169.671



47, 13.175, 299.671



47, 13.175, 349.671

Sweetspot

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



47, 13.176, 119.674



61, 5.075, 120.436



43, 7.880, 46.542



31, 3.345, 120.410



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



47, 13.176, 119.674



60, 19.411, 119.423



46, 14.842, 136.943



23, 3.794, 120.273



46, 57.846, 118.029



90, 99.220, 118.785

Inverse Universe

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



40, 13.665, 301.988



50, 20.305, 302.302



41, 14.997, 318.593



21, 3.862, 301.300



14, 74.306, 308.321



34, 127.730, 307.840

Previews

White Background



This preview shows how the CIELCh color 47, 13.175, 119.671 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 CIELCh color 47, 13.175, 119.671 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

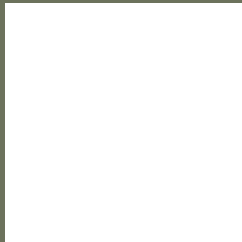
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 13.175, 119.671

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.175, 119.671.



This preview shows how white text looks on a background with the CIELCh color 47, 13.175, 119.671.

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


47, 13.175, 119.671

Protanopia

47, 12.163, 93.957

Deuteranopia

47, 12.074, 59.312



Tritanopia
47, 5.407, 299.330

Trichromacy



Original Color
47, 13.175, 119.671

Protanomaly
47, 12.369, 104.432

Deuteranomaly
47, 11.127, 83.200

Tritanomaly
47, 1.176, 109.980

Monochromacy



Original Color
47, 13.175, 119.671

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.804, 119.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.175, 119.671 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(108, 114, 92)` looks like.

```
.text, #text, p{  
    color:rgb(108, 114, 92)  
}
```

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(108, 114, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 114, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.175, 119.671 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(108, 114, 92) }
```

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

```
.border{ border-color:rgb(108, 114, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 114, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 114, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 114, 92);  
box-shadow:4px 4px 4px 4px rgb(108, 114,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.175, 119.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 114, 92) }
```

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

```
.background{ background-color: rgb(108,  
114, 92) }
```

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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