

Converting Colors

CIELCh(47, 54.549, 79.217)

Have a look what the booklet for
CIELCh(47, 54.549, 79.217) contains.

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Color

CIELCh(47, 54.327, 79.154)

Conversions

Conversions Part 1

Format	Color
Hex	936704
RGB	147, 103, 4
RGB Percent	58%, 40%, 2%
CMY	0.4219, 0.5947, 0.9861
CMYK	0.00, 0.30, 0.98, 0.42
HSL	42°, 95%, 30%
HSV	42°, 98%, 58%
XYZ	17.0111, 16.0195, 2.2972
YIQ	104.8700, 58.0030, -21.4610

Conversions

Conversions Part 2

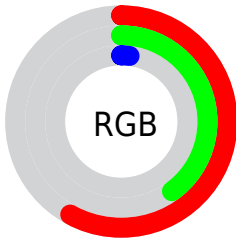
Format	Color
R_{YB}	68, 147, 4
Decimal	9660164
CIE Lab	47.00, 10.22, 53.36
CIE LCh	47, 54.327, 79.154
Yxy	16.0195, 0.4815, 0.4535
Android (android.graphics.Color)	4287850244 (0xFF936704)
YUV	104.8700, -49.7289, 36.9480
Hunter-Lab	40.0243, 5.8235, 24.6140

Details

The CIELCh color **47, 54.327, 79.154** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **24, 64.817, 296.690**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 53.879, 79.267**, and **27, 38.389, 73.047** is the 20% darker color. If you saturate the color by 10%, you get **47, 55.047, 78.702**, and if you desaturate by 10%, it is **48, 51.390, 81.138**.

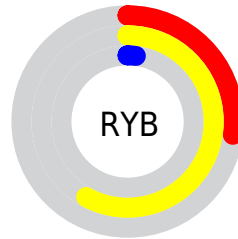
Distribution



Red (58%)

Green (40%)

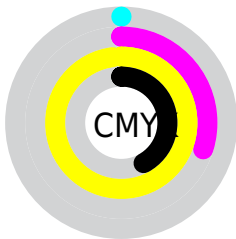
Blue (2%)



Red (27%)

Yellow (58%)

Blue (2%)

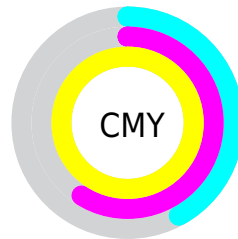


Cyan (0%)

Magenta (30%)

Yellow (98%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 54.327, 79.154 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, 54.327, 79.154 by changing the saturation by 10% instead.

47, 54.327, 79.154

47, 54.327, 79.154

100, 54.327,
79.154

37, 54.327, 79.154

67, 54.327, 79.154

27, 54.327, 79.154

77, 54.327, 79.154

17, 54.327, 79.154

87, 54.327, 79.154

7, 54.327, 79.154

97, 54.327, 79.154

0, 54.327, 79.154

47, 54.327, 79.154

47, 54.327, 79.154

47, 55.047, 78.702

48, 51.390, 81.138

50, 47.077, 82.864

■ 51, 41.695, 84.401

■ 52, 35.730, 85.836

■ 54, 29.500, 87.210

■ 55, 23.190, 88.543

■ 57, 16.900, 89.839

■ 58, 10.685, 91.094

■ 60, 4.567, 92.294

Harmonies

Complementary

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



47, 54.327, 79.154



24, 64.817, 296.690

Rectangle

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



47, 54.327, 79.154



47, 54.327, 129.154



47, 54.327, 259.154



47, 54.327, 309.154

Sweetspot

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



47, 54.326, 79.157



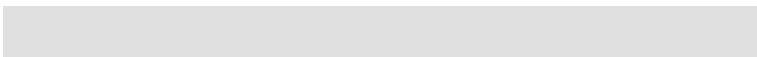
72, 21.998, 89.583



31, 56.756, 17.353



37, 15.257, 89.080



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



47, 54.326, 79.157



60, 66.651, 78.128



57, 65.193, 113.499



31, 3.413, 92.106



44, 52.398, 78.874



2, 2.971, 93.227

Inverse Universe

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



24, 64.817, 296.690



31, 82.353, 298.126



18, 86.271, 307.069



29, 3.422, 274.411



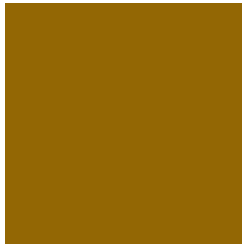
22, 62.917, 297.190



1, 2.971, 273.234

Previews

White Background



This preview shows how the CIELCh color 47, 54.327, 79.154 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, 54.327, 79.154 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, 54.327, 79.154

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.327, 79.154.



This preview shows how white text looks on a background with the CIELCh color 47, 54.327, 79.154.

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, 54.107, 79.090

Protanopia

47, 51.150, 95.412

Deuteranopia

47, 54.248, 83.574



Tritanopia
47, 24.387, 13.220

Trichromacy



Original Color
47, 54.107, 79.090

Protanomaly
47, 51.684, 89.248

Deuteranomaly
47, 54.301, 81.937

Tritanomaly
47, 31.496, 57.265

Monochromacy



Original Color
47, 54.107, 79.090

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 22.621, 87.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.327, 79.154 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(147, 103, 4)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 4)  
}
```

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(147, 103, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.327, 79.154 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(147, 103, 4) }
```

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

```
.border{ border-color:rgb(147, 103, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 103, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 4);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.327, 79.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 4) }
```

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

```
.background{ background-color: rgb(147,  
103, 4) }
```

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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