

Converting Colors

CIELCh(47, 48.846, 125.753)

Have a look what the booklet for
CIELCh(47, 48.846, 125.753)
contains.

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Color

CIELCh(47, 49.281, 125.912)

Conversions

Conversions Part 1

Format	Color
Hex	527B27
RGB	82, 123, 39
RGB Percent	32%, 48%, 15%
CMY	0.6796, 0.5188, 0.8482
CMYK	0.33, 0.00, 0.68, 0.52
HSL	89°, 52%, 32%
HSV	89°, 68%, 48%
XYZ	10.8630, 16.0195, 4.4144
YIQ	101.1650, 2.5280, -34.8160

Conversions

Conversions Part 2

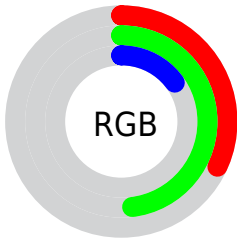
Format	Color
R_{YB}	39, 123, 80
Decimal	5405479
CIE _{Lab}	47.00, -28.91, 39.91
CIE _{LCh}	47, 49.281, 125.912
Y _{xy}	16.0195, 0.3471, 0.5119
Android (android.graphics.Color)	4283595559 (0xFF527B27)
Y _{UV}	101.1650, -30.6473, -16.8077
Hunter-Lab	40.0243, -21.5959, 21.4777

Details

The CIELCh color $47, 49.281, 125.912$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $25, 54.621, 311.970$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 49.291, 126.188$, and $27, 44.935, 128.928$ is the 20% darker color. If you saturate the color by 10%, you get $47, 54.740, 125.942$, and if you desaturate by 10%, it is $47, 42.990, 126.127$.

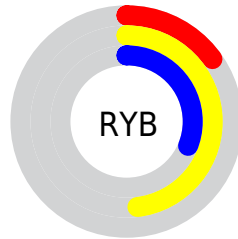
Distribution



Red (32%)

Green (48%)

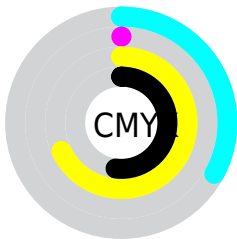
Blue (15%)



Red (15%)

Yellow (48%)

Blue (31%)

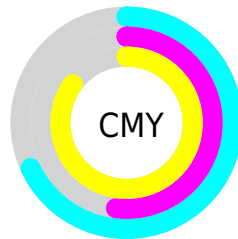


Cyan (33%)

Magenta (0%)

Yellow (68%)

Black (52%)



Cyan (68%)


Magenta (52%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 49.281, 125.912 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, 49.281, 125.912 by changing the saturation by 10% instead.


 47, 49.281,
125.912


 47, 49.281,
125.912


 100, 49.281,
125.912


 37, 49.281,
125.912

 67, 49.281,
125.912


 27, 49.281,
125.912

 77, 49.281,
125.912

 17, 49.281,
125.912

 87, 49.281,
125.912

 7, 49.281, 125.912

 97, 49.281,
125.912

 0, 49.281, 125.912

 47, 49.281,

 47, 49.281,

125.912

■ 47, 54.740,
125.942

■ 46, 59.064,
126.325

■ 46, 62.377,
126.983

■ 46, 62.894,
127.064

125.912

■ 47, 42.990,
126.127

■ 48, 36.134,
126.486

■ 49, 28.920,
126.921

■ 49, 21.494,
127.386

■ 50, 13.958,
127.853

■ 51, 6.383, 128.308

■ 52, 1.178, 308.650

■ 53, 8.690, 309.099

■ 53, 16.126,

Harmonies

Complementary

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



47, 49.281, 125.912



25, 54.621, 311.970

Rectangle

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



47, 49.281, 125.912



47, 49.281, 175.912



47, 49.281, 305.912



47, 49.281, 355.912

Sweetspot

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



47, 49.281, 125.913



64, 19.804, 127.710



38, 33.918, 65.529



33, 13.505, 127.605



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 49.281, 125.913



60, 69.716, 126.105



45, 56.360, 138.348



25, 4.248, 128.280



47, 63.734, 127.095



89, 108.178, 127.964

Inverse Universe

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



25, 54.621, 311.970



29, 79.024, 312.268



32, 55.655, 327.105



24, 4.304, 309.034



18, 73.488, 312.009



40, 124.416, 311.415

Previews

White Background



This preview shows how the CIELCh color 47, 49.281, 125.912 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, 49.281, 125.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

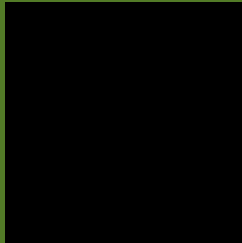
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 49.281, 125.912

Background



This preview shows how black text looks on a background with the CIELCh color 47, 49.281, 125.912.



This preview shows how white text looks on a background with the CIELCh color 47, 49.281, 125.912.

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, 49.281, 125.912

Protanopia

47, 42.020, 95.702

Deuteranopia

47, 38.622, 81.329



Tritanopia
47, 9.623, 232.457

Trichromacy



Original Color
47, 49.281, 125.912

Protanomaly
47, 42.875, 108.114

Deuteranomaly
46, 38.806, 100.505

Tritanomaly
47, 19.044, 146.826

Monochromacy



Original Color
47, 49.281, 125.912

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 19.476, 127.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 49.281, 125.912 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(82, 123, 39)` looks like.

```
.text, #text, p{  
    color:rgb(82, 123, 39)  
}
```

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(82, 123, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 123, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 49.281, 125.912 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(82, 123, 39) }
```

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

```
.border{ border-color:rgb(82, 123, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 123, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 123, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 123, 39);  
box-shadow:4px 4px 4px 4px rgb(82, 123,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 49.281, 125.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 123, 39) }
```

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

```
.background{ background-color: rgb(82, 123,  
39) }
```

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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