

Converting Colors

CIELCh(47, 38.951, 146.220)

Have a look what the booklet for
CIELCh(47, 38.951, 146.220)
contains.

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Color

CIELCh(47, 39.008, 146.267)

Conversions

Conversions Part 1

Format	Color
Hex	3D7D4A
RGB	61, 125, 74
RGB Percent	24%, 49%, 29%
CMY	0.7626, 0.5116, 0.7114
CMYK	0.51, 0.00, 0.41, 0.51
HSL	132°, 35%, 36%
HSV	132°, 51%, 49%
XYZ	10.3951, 16.0195, 8.9497
YIQ	100.0500, -21.7730, -29.4290

Conversions

Conversions Part 2

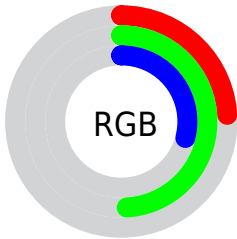
Format	Color
R_{YB}	61, 114, 125
Decimal	4029770
CIE _{Lab}	47.00, -32.44, 21.66
CIE _{LCh}	47, 39.008, 146.267
Yxy	16.0195, 0.2939, 0.4530
Android (android.graphics.Color)	4282219850 (0xFF3D7D4A)
YUV	100.0500, -12.8427, -34.2469
Hunter-Lab	40.0243, -23.6826, 14.7594

Details

The CIELCh color $47, 39.008, 146.267$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $36, 38.951, 333.957$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 39.016, 146.152$, and $27, 38.740, 146.347$ is the 20% darker color. If you saturate the color by 10%, you get $46, 45.807, 144.995$, and if you desaturate by 10%, it is $48, 31.762, 147.389$.

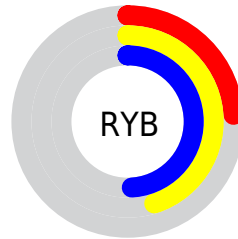
Distribution



Red (24%)

Green (49%)

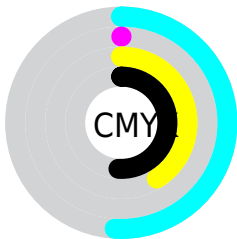
Blue (29%)



Red (24%)

Yellow (45%)

Blue (49%)

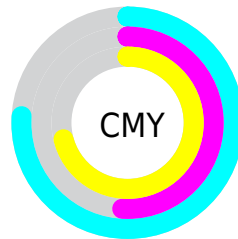


Cyan (51%)

Magenta (0%)

Yellow (41%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 39.008, 146.267 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, 39.008, 146.267 by changing the saturation by 10% instead.


 47, 39.008,
146.267


 47, 39.008,
146.267


 100, 39.008,
146.267


 37, 39.008,
146.267

 67, 39.008,
146.267


 27, 39.008,
146.267

 77, 39.008,
146.267

 17, 39.008,
146.267

 87, 39.008,
146.267

 7, 39.008, 146.267

 97, 39.008,
146.267

 0, 39.008, 146.267

 47, 39.008,

 47, 39.008,

146.267

146.267

■ 46, 45.807,
144.995

■ 48, 31.762,
147.389

■ 46, 51.998,
143.578

■ 49, 24.217,
148.367

■ 46, 57.428,
142.042

■ 50, 16.513,
149.219

■ 45, 61.959,
140.444

■ 51, 8.762, 149.965

■ 45, 65.207,
139.241

■ 52, 1.056, 150.785

■ 53, 6.535, 331.100

■ 55, 13.962,
331.604

■ 56, 21.194,
332.038

■ 58, 28.211,

Harmonies

Complementary

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



47, 39.008, 146.267



36, 38.951, 333.957

Rectangle

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



47, 39.008, 146.267



47, 39.008, 196.267



47, 39.008, 326.267



47, 39.008, 16.267

Sweetspot

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



47, 39.009, 146.267



64, 14.238, 149.680



50, 36.377, 114.711



33, 9.796, 149.551



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, 39.009, 146.267



59, 56.724, 144.715



48, 25.891, 170.650



25, 4.266, 150.129



45, 65.367, 139.235



87, 112.437, 138.324

Inverse Universe

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



36, 38.951, 333.957



42, 55.968, 334.827



34, 30.007, 2.529



24, 4.279, 331.168



27, 58.468, 337.980



57, 97.654, 338.628

Previews

White Background



This preview shows how the CIELCh color 47, 39.008, 146.267 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, 39.008, 146.267 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, 39.008, 146.267

Background



This preview shows how black text looks on a background with the CIELCh color 47, 39.008, 146.267.



This preview shows how white text looks on a background with the CIELCh color 47, 39.008, 146.267.

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, 39.008, 146.267

Protanopia

47, 25.472, 96.176

Deuteranopia

47, 20.598, 72.376



Tritanopia
47, 16.067, 219.727

Trichromacy



Original Color
47, 39.008, 146.267

Protanomaly
46, 27.675, 122.409

Deuteranomaly
46, 21.809, 115.410

Tritanomaly
47, 20.257, 176.547

Monochromacy



Original Color
47, 39.008, 146.267

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 14.920, 148.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 39.008, 146.267 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(61, 125, 74)` looks like.

```
.text, #text, p{  
    color:rgb(61, 125, 74)  
}
```

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(61, 125, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 125, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 39.008, 146.267 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(61, 125, 74) }
```

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

```
.border{ border-color:rgb(61, 125, 74) }
```

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

Here you see how a box with a 4 pixel rgb(61, 125, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 125, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 125, 74);  
box-shadow:4px 4px 4px 4px rgb(61, 125,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 39.008, 146.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 125, 74) }
```

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

```
.background{ background-color: rgb(61, 125,  
74) }
```

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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