

Converting Colors

CIELCh(47, 29.514, 128.469)

Have a look what the booklet for
CIELCh(47, 29.514, 128.469)
contains.

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Color

CIELCh(47, 29.288, 128.429)

Conversions

Conversions Part 1

Format	Color
Hex	5E7748
RGB	94, 119, 72
RGB Percent	37%, 47%, 28%
CMY	0.6316, 0.5336, 0.7179
CMYK	0.21, 0.00, 0.40, 0.53
HSL	92°, 25%, 37%
HSV	92°, 40%, 47%
XYZ	12.3646, 16.0195, 8.5598
YIQ	106.1670, 0.1870, -19.9170

Conversions

Conversions Part 2

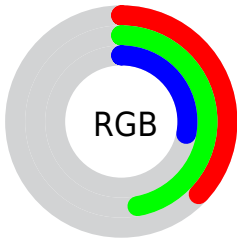
Format	Color
RYB	72, 119, 97
Decimal	6190920
CIELab	47.00, -18.20, 22.94
CIELCh	47, 29.288, 128.429
Yxy	16.0195, 0.3347, 0.4336
Android (android.graphics.Color)	4284381000 (0xFF5E7748)
YUV	106.1670, -16.8443, -10.6705
Hunter-Lab	40.0243, -14.8990, 15.3369

Details

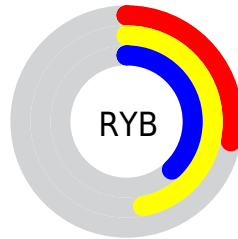
The CIELCh color $47, 29.288, 128.429$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $35, 30.782, 311.978$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 29.199, 128.440$, and $27, 29.042, 128.594$ is the 20% darker color. If you saturate the color by 10%, you get $46, 36.389, 127.996$, and if you desaturate by 10%, it is $48, 21.973, 128.892$.

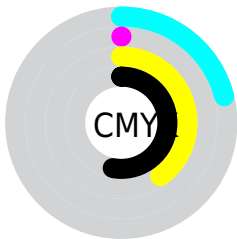
Distribution



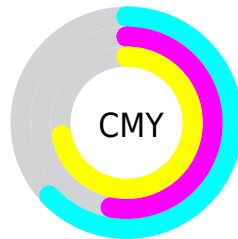
- Red (37%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 29.288, 128.429 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, 29.288, 128.429 by changing the saturation by 10% instead.

 47, 29.288,
128.429


 47, 29.288,
128.429


 100, 29.288,
128.429


 37, 29.288,
128.429

 67, 29.288,
128.429


 27, 29.288,
128.429

 77, 29.288,
128.429

 17, 29.288,
128.429

 87, 29.288,
128.429

 7, 29.288, 128.429

 97, 29.288,
128.429

 0, 29.288, 128.429

 47, 29.288,

 47, 29.288,

128.429

128.429

■ 46, 36.389,
127.996

■ 48, 21.973,
128.892

■ 46, 43.124,
127.636

■ 48, 14.546,
129.353

■ 45, 49.288,
127.422

■ 49, 7.082, 129.799

■ 45, 54.613,
127.452

■ 50, 0.366, 309.957

■ 51, 7.761, 310.563

■ 45, 58.807,
127.839

■ 52, 15.074,
310.911

■ 44, 62.150,
128.415

■ 53, 22.286,
311.221

■ 44, 62.314,
128.435

■ 54, 29.383,
311.499

■ 55, 36.358,

Harmonies

Complementary

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



47, 29.288, 128.429



35, 30.782, 311.978

Rectangle

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



47, 29.288, 128.429



47, 29.288, 178.429



47, 29.288, 308.429



47, 29.288, 358.429

Sweetspot

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



47, 29.289, 128.430



63, 11.134, 129.676



42, 18.182, 72.416



33, 7.444, 129.632



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 29.289, 128.430



60, 43.090, 128.050



46, 33.361, 142.065



24, 4.141, 129.821



45, 63.643, 128.484



88, 108.868, 129.363

Inverse Universe

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



35, 30.782, 311.978



42, 45.840, 312.397



38, 33.311, 326.928



23, 4.191, 310.538



18, 71.735, 313.050



41, 122.275, 312.438

Previews

White Background



This preview shows how the CIELCh color 47, 29.288, 128.429 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 47, 29.288, 128.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

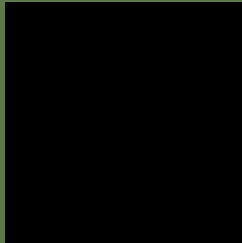
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 29.288, 128.429

Background



This preview shows how black text looks on a background with the CIELCh color 47, 29.288, 128.429.



This preview shows how white text looks on a background with the CIELCh color 47, 29.288, 128.429.

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

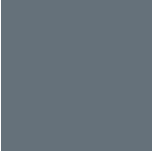
47, 29.288, 128.429

Protanopia

47, 24.917, 96.041

Deuteranopia

47, 22.375, 73.613



Tritanopia
47, 6.940, 249.438

Trichromacy



Original Color
47, 29.288, 128.429

Protanomaly
47, 25.514, 109.714

Deuteranomaly
47, 21.940, 97.552

Tritanomaly
47, 9.552, 155.469

Monochromacy



Original Color
47, 29.288, 128.429

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 10.776, 129.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 29.288, 128.429 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(94, 119, 72)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 72)  
}
```

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(94, 119, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 29.288, 128.429 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(94, 119, 72) }
```

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

```
.border{ border-color:rgb(94, 119, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 72);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 29.288, 128.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 72) }
```

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

```
.background{ background-color: rgb(94, 119,  
72) }
```

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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