

Converting Colors

CIELCh(48, 34.119, 126.937)

Have a look what the booklet for
CIELCh(48, 34.119, 126.937)
contains.

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Color

CIELCh(48, 34.108, 126.375)

Conversions

Conversions Part 1

Format	Color
Hex	5F7A42
RGB	95, 122, 66
RGB Percent	37%, 48%, 26%
CMY	0.6268, 0.5209, 0.7406
CMYK	0.22, 0.00, 0.46, 0.52
HSL	89°, 30%, 37%
HSV	89°, 46%, 48%
XYZ	12.7023, 16.7945, 7.7493
YIQ	107.5430, 1.8840, -23.1400

Conversions

Conversions Part 2

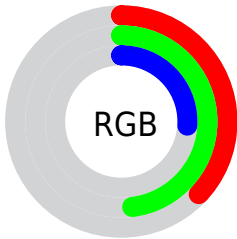
Format	Color
RYB	66, 122, 93
Decimal	6257218
CIELab	48.00, -20.23, 27.46
CIElCh	48, 34.108, 126.375
Yxy	16.7945, 0.3410, 0.4509
Android (android.graphics.Color)	4284447298 (0xFF5F7A42)
YUV	107.5430, -20.4807, -11.0002
Hunter-Lab	40.9810, -16.3897, 17.4753

Details

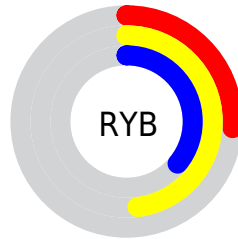
The CIELCh color $48, 34.108, 126.375$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $33, 36.466, 310.718$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 34.347, 126.282$, and $28, 34.112, 126.005$ is the 20% darker color. If you saturate the color by 10%, you get $47, 41.037, 125.992$, and if you desaturate by 10%, it is $49, 26.867, 126.823$.

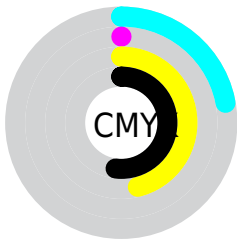
Distribution



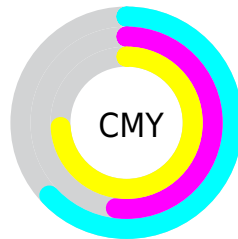
- Red (37%)
- Green (48%)
- Blue (26%)



- Red (26%)
- Yellow (48%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (46%)
- Black (52%)





- Cyan (63%)
- Magenta (52%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 34.108, 126.375 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 48, 34.108, 126.375 by changing the saturation by 10% instead.


 48, 34.108,
126.375


 48, 34.108,
126.375


 100, 34.108,
126.375


 38, 34.108,
126.375

 68, 34.108,
126.375


 28, 34.108,
126.375

 78, 34.108,
126.375

 18, 34.108,
126.375


 88, 34.108,
126.375

 8, 34.108, 126.375

 98, 34.108,
126.375

 0, 34.108, 126.375

 48, 34.108,

 48, 34.108,

126.375

■ 47, 41.037,
125.992

■ 47, 47.464,
125.734

■ 47, 53.137,
125.690

■ 46, 57.758,
125.972

■ 46, 61.200,
126.616

■ 46, 62.567,
126.850

126.375

■ 49, 26.867,
126.823

■ 49, 19.444,
127.292

■ 50, 11.931,
127.757

■ 51, 4.395, 128.212

■ 52, 3.119, 308.586

■ 53, 10.577,
308.988

■ 53, 17.955,
309.342

■ 54, 25.236,
309.662

■ 55, 32.408,
309.950

Harmonies

Complementary

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



48, 34.108, 126.375



33, 36.466, 310.718

Rectangle

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



48, 34.108, 126.375



48, 34.108, 176.375



48, 34.108, 306.375



48, 34.108, 356.375

Sweetspot

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



48, 34.109, 126.376



64, 13.013, 127.827



42, 21.513, 66.538



33, 8.935, 127.746



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 34.109, 126.376



60, 49.871, 125.977



46, 39.356, 140.306



25, 4.242, 128.066



47, 63.612, 126.888



89, 107.962, 127.758

Inverse Universe

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



33, 36.466, 310.718



39, 54.259, 311.265



37, 39.344, 325.771



24, 4.299, 308.824



18, 73.581, 311.876



40, 124.579, 311.282

Previews

White Background



This preview shows how the CIELCh color 48, 34.108, 126.375 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 48, 34.108, 126.375 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 48, 34.108, 126.375

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.108, 126.375.



This preview shows how white text looks on a background with the CIELCh color 48, 34.108, 126.375.

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

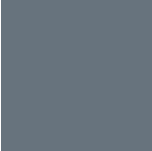
48, 34.108, 126.375

Protanopia

48, 29.831, 96.198

Deuteranopia

48, 27.126, 75.706



Tritanopia
48, 7.362, 252.612

Trichromacy



Original Color
48, 34.108, 126.375

Protanomaly
48, 30.349, 108.654

Deuteranomaly
47, 26.423, 97.487

Tritanomaly
48, 11.096, 150.339

Monochromacy



Original Color
48, 34.108, 126.375

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 12.550, 128.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.108, 126.375 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(95, 122, 66)` looks like.

```
.text, #text, p{  
    color:rgb(95, 122, 66)  
}
```

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(95, 122, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 122, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.108, 126.375 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(95, 122, 66) }
```

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

```
.border{ border-color:rgb(95, 122, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 122, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 122, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 122, 66);  
box-shadow:4px 4px 4px 4px rgb(95, 122,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.108, 126.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 122, 66) }
```

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

```
.background{ background-color: rgb(95, 122,  
66) }
```

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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