

Converting Colors

CIELCh(48, 13.256, 118.782)

Have a look what the booklet for
CIELCh(48, 13.256, 118.782)
contains.

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Color

CIELCh(48, 13.684, 119.174)

Conversions

Conversions Part 1

Format	Color
Hex	6F755E
RGB	111, 117, 94
RGB Percent	44%, 46%, 37%
CMY	0.5661, 0.5426, 0.6328
CMYK	0.05, 0.00, 0.20, 0.54
HSL	76°, 11%, 41%
HSV	76°, 20%, 46%
XYZ	14.8325, 16.7945, 12.9662
YIQ	112.5840, 3.8070, -8.4250

Conversions

Conversions Part 2

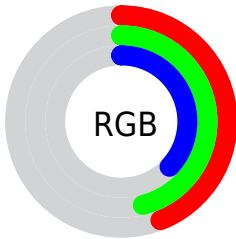
Format	Color
R_{YB}	94, 117, 100
Decimal	7304542
CIE Lab	48.00, -6.67, 11.95
CIE LCh	48, 13.684, 119.174
Yxy	16.7945, 0.3326, 0.3766
Android (android.graphics.Color)	4285494622 (0xFF6F755E)
YUV	112.5840, -9.1619, -1.3892
Hunter-Lab	40.9810, -7.1115, 9.9277

Details

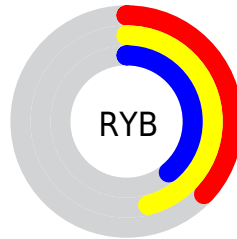
The CIELCh color $48, 13.684, 119.174$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 14.213, 301.603$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 13.886, 118.607$, and $28, 13.697, 119.664$ is the 20% darker color. If you saturate the color by 10%, you get $48, 20.547, 118.582$, and if you desaturate by 10%, it is $49, 6.752, 119.771$.

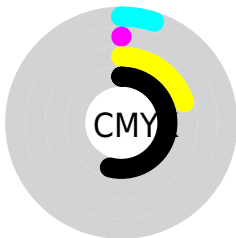
Distribution



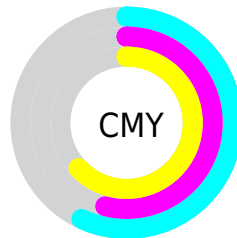
- Red (44%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (39%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)





- Cyan (57%)
- Magenta (54%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 13.684, 119.174 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, 13.684, 119.174 by changing the saturation by 10% instead.


 48, 13.684,
119.174


 48, 13.684,
119.174


 100, 13.684,
119.174


 38, 13.684,
119.174

 68, 13.684,
119.174


 28, 13.684,
119.174

 78, 13.684,
119.174

 18, 13.684,
119.174


 88, 13.684,
119.174

 8, 13.684, 119.174

 98, 13.684,
119.174

 0, 13.684, 119.174

 48, 13.684,

 48, 13.684,

119.174

■ 48, 20.547,
118.582

■ 47, 27.270,
118.004

■ 47, 33.759,
117.472

■ 46, 39.872,
117.030

■ 46, 45.407,
116.739

■ 46, 50.100,
116.679

■ 45, 53.666,
116.941

■ 45, 56.456,
117.398

119.174

■ 49, 6.752, 119.771

■ 49, 0.208, 300.234

■ 50, 7.163, 300.894

■ 50, 14.090,
301.420

■ 51, 20.970,
301.913

■ 52, 27.793,
302.375

■ 53, 34.547,
302.804

■ 53, 41.226,
303.202

■ 54, 47.824,

■ 45, 56.540,
117.409

303.570

Harmonies

Complementary

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



48, 13.684, 119.174



41, 14.213, 301.603

Rectangle

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



48, 13.684, 119.174



48, 13.684, 169.174



48, 13.684, 299.174



48, 13.684, 349.174

Sweetspot

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



48, 13.685, 119.177



62, 5.138, 119.981



44, 8.266, 44.645



32, 3.435, 119.953



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



48, 13.685, 119.177



61, 20.495, 118.886



47, 15.367, 136.422



24, 3.932, 119.811



47, 58.548, 117.474



91, 99.652, 118.188

Inverse Universe

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



41, 14.213, 301.603



50, 21.500, 301.972



42, 15.545, 318.095



22, 4.004, 300.869



14, 75.600, 308.157



34, 128.968, 307.705

Previews

White Background



This preview shows how the CIELCh color 48, 13.684, 119.174 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, 13.684, 119.174 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, 13.684, 119.174

Background



This preview shows how black text looks on a background with the CIELCh color 48, 13.684, 119.174.



This preview shows how white text looks on a background with the CIELCh color 48, 13.684, 119.174.

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, 13.684, 119.174

Protanopia

48, 13.241, 95.057

Deuteranopia

48, 12.779, 59.965



Tritanopia
48, 5.382, 299.319

Trichromacy



Original Color
48, 13.684, 119.174

Protanomaly
48, 12.893, 104.569

Deuteranomaly
48, 11.290, 81.235

Tritanomaly
48, 1.244, 129.060

Monochromacy



Original Color
48, 13.684, 119.174

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 5.361, 118.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 13.684, 119.174 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(111, 117, 94)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 94)  
}
```

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(111, 117, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 13.684, 119.174 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(111, 117, 94) }
```

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

```
.border{ border-color:rgb(111, 117, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 94);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 13.684, 119.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 94) }
```

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

```
.background{ background-color: rgb(111,  
117, 94) }
```

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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