

Converting Colors

CIELCh(41, 11.979, 119.360)

Have a look what the booklet for
CIELCh(41, 11.979, 119.360)
contains.

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Color

CIELCh(41, 12.237, 118.730)

Conversions

Conversions Part 1

Format	Color
Hex	5E634F
RGB	94, 99, 79
RGB Percent	37%, 39%, 31%
CMY	0.6314, 0.6118, 0.6902
CMYK	0.05, 0.00, 0.20, 0.61
HSL	75°, 11%, 35%
HSV	75°, 20%, 39%
XYZ	10.4862, 11.8645, 9.1321
YIQ	95.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

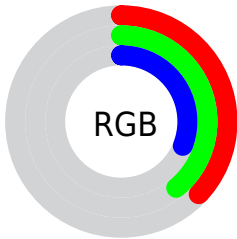
Format	Color
R_{YB}	79, 99, 84
Decimal	6185807
CIE Lab	41.00, -5.88, 10.73
CIE LCh	41, 12.237, 118.730
Yxy	11.8645, 0.3331, 0.3769
Android (android.graphics.Color)	4284375887 (0xFF5E634F)
YUV	95.2250, -7.9989, -1.0743
Hunter-Lab	34.4449, -5.9374, 8.3925

Details

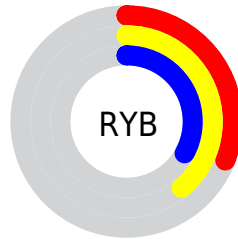
The CIELCh color **41, 12.237, 118.730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 12.718, 301.223**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 12.548, 119.918**, and **21, 12.227, 119.243** is the 20% darker color. If you saturate the color by 10%, you get **41, 18.222, 118.139**, and if you desaturate by 10%, it is **41, 6.191, 119.327**.

Distribution



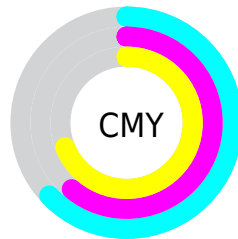
- Red (37%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (61%)





- Cyan (63%)
- Magenta (61%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 12.237, 118.730 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 41, 12.237, 118.730 by changing the saturation by 10% instead.


 41, 12.237,
118.730


 41, 12.237,
118.730


 100, 12.237,
118.730


 31, 12.237,
118.730

 61, 12.237,
118.730


 21, 12.237,
118.730

 71, 12.237,
118.730


 11, 12.237,
118.730


 81, 12.237,
118.730

 1, 12.237, 118.730

 91, 12.237,
118.730

 0, 12.237, 118.730

 41, 12.237,

 41, 12.237,

118.730

118.730

■ 41, 18.222,
118.139

■ 41, 6.191, 119.327

■ 40, 24.087,
117.561

■ 42, 0.119, 120.052

■ 42, 5.950, 300.453

■ 40, 29.753,
117.027

■ 43, 11.998,
300.982

■ 40, 35.102,
116.577

■ 44, 18.009,
301.480

■ 39, 39.967,
116.266

■ 44, 23.973,
301.947

■ 39, 44.129,
116.168

■ 45, 29.880,
302.383

■ 39, 47.346,
116.368

■ 46, 35.725,
302.788

■ 39, 50.141,
116.625

■ 46, 41.503,

Harmonies

Complementary

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



41, 12.237, 118.730



35, 12.718, 301.223

Rectangle

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



41, 12.237, 118.730



41, 12.237, 168.730



41, 12.237, 298.730



41, 12.237, 348.730

Sweetspot

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



41, 12.238, 118.734



53, 4.481, 119.564



37, 7.407, 44.641



27, 2.946, 119.541



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



41, 12.238, 118.734



52, 17.873, 118.467



40, 13.765, 136.416



20, 3.343, 119.406



44, 54.828, 116.809



88, 96.241, 117.590

Inverse Universe

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



35, 12.718, 301.223



43, 18.745, 301.562



36, 13.925, 318.100



18, 3.403, 300.442



12, 71.088, 308.110



32, 125.136, 307.608

Previews

White Background



This preview shows how the CIELCh color 41, 12.237, 118.730 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 41, 12.237, 118.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

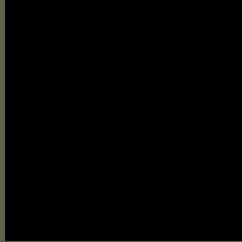
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

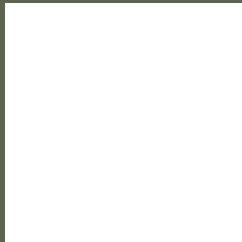
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 12.237, 118.730

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.237, 118.730.



This preview shows how white text looks on a background with the CIELCh color 41, 12.237, 118.730.

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


41, 12.237, 118.730

Protanopia

41, 11.196, 94.571

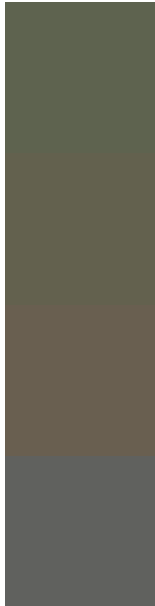
Deuteranopia

41, 11.734, 61.858



Tritanopia
41, 4.279, 296.276

Trichromacy



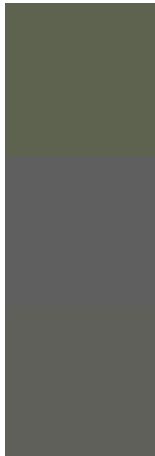
Original Color
41, 12.237, 118.730

Protanomaly
41, 11.483, 103.953

Deuteranomaly
41, 10.135, 82.512

Tritanomaly
41, 1.864, 122.914

Monochromacy



Original Color
41, 12.237, 118.730

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.264, 115.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.237, 118.730 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, 99, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 99, 79)  
}
```

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, 99, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.237, 118.730 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, 99, 79) }
```

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

```
.border{ border-color:rgb(94, 99, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 99, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 99, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 99, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.237, 118.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 79) }
```

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

```
.background{ background-color: rgb(94, 99,  
79) }
```

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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