

Converting Colors

CIELCh(54, 29.925, 116.944)

Have a look what the booklet for
CIELCh(54, 29.925, 116.944)
contains.

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Color

CIELCh(54, 30.317, 117.337)

Conversions

Conversions Part 1

Format	Color
Hex	7A8752
RGB	122, 135, 82
RGB Percent	48%, 53%, 32%
CMY	0.5226, 0.4716, 0.6794
CMYK	0.10, 0.00, 0.39, 0.47
HSL	75°, 24%, 42%
HSV	75°, 39%, 53%
XYZ	18.1263, 21.9746, 11.2176
YIQ	125.0710, 9.2650, -19.2390

Conversions

Conversions Part 2

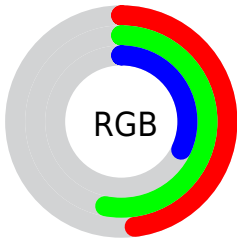
Format	Color
RYB	82, 135, 95
Decimal	8030034
CIELab	54.00, -13.92, 26.93
CIElCh	54, 30.317, 117.337
Yxy	21.9746, 0.3532, 0.4282
Android (android.graphics.Color)	4286220114 (0xFF7A8752)
YUV	125.0710, -21.2340, -2.6933
Hunter-Lab	46.8770, -13.0128, 18.6259

Details

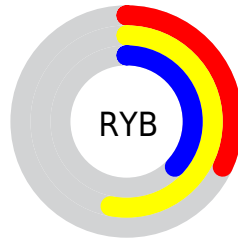
The CIELCh color $54, 30.317, 117.337$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38, 32.996, 302.770$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 30.281, 117.312$, and $34, 29.916, 117.390$ is the 20% darker color. If you saturate the color by 10%, you get $54, 37.590, 116.787$, and if you desaturate by 10%, it is $54, 22.775, 117.940$.

Distribution



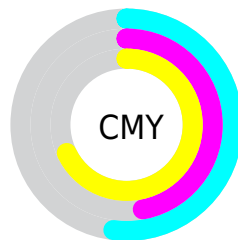
- Red (48%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (37%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)





- Cyan (52%)
- Magenta (47%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 30.317, 117.337 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 54, 30.317, 117.337 by changing the saturation by 10% instead.


 54, 30.317,
117.337


 54, 30.317,
117.337


 100, 30.317,
117.337


 44, 30.317,
117.337


 74, 30.317,
117.337

 34, 30.317,
117.337


 84, 30.317,
117.337

 24, 30.317,
117.337

 94, 30.317,
117.337

 14, 30.317,
117.337

 4, 30.317, 117.337

 0, 30.317, 117.337

■ 54, 30.317,
117.337

■ 54, 30.317,
117.337

■ 54, 37.590,
116.787

■ 54, 22.775,
117.940

■ 53, 44.423,
116.327

■ 55, 15.071,
118.560

■ 53, 50.580,
116.025

■ 56, 7.285, 119.177

■ 52, 55.751,
115.962

■ 56, 0.534, 299.735

■ 57, 8.347, 300.348

■ 52, 59.608,
116.231

■ 58, 16.129,
300.895

■ 52, 62.341,
116.775

■ 58, 23.860,
301.410

■ 52, 62.526,
116.808

■ 59, 31.527,
301.891

■ 60, 39.117,
302.338

Harmonies

Complementary

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



54, 30.317, 117.337



38, 32.996, 302.770

Rectangle

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



54, 30.317, 117.337



54, 30.317, 167.337



54, 30.317, 297.337



54, 30.317, 347.337

Sweetspot

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



54, 30.318, 117.339



71, 11.653, 118.996



44, 20.240, 42.619



37, 7.789, 118.929



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 30.318, 117.339



69, 44.619, 116.852



52, 34.231, 134.840



28, 4.348, 119.190



50, 60.934, 116.766



1, 1.045, 119.734

Inverse Universe

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



38, 32.996, 302.770



45, 49.718, 303.641



41, 35.067, 318.403



26, 4.430, 300.306



15, 79.221, 307.925



0, 1.045, 299.733

Previews

White Background



This preview shows how the CIELCh color 54, 30.317, 117.337 looks on a white 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

Black Background



This preview shows how the CIELCh color 54, 30.317, 117.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

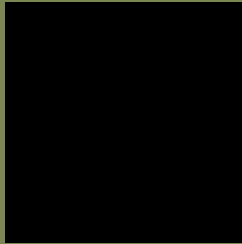
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 30.317, 117.337

Background



This preview shows how black text looks on a background with the CIELCh color 54, 30.317, 117.337.



This preview shows how white text looks on a background with the CIELCh color 54, 30.317, 117.337.

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
54, 30.317, 117.337

Protanopia
54, 28.315, 95.649

Deuteranopia
54, 26.960, 74.687



Tritanopia
54, 5.792, 294.702

Trichromacy



Original Color
54, 30.317, 117.337

Protanomaly
54, 28.264, 103.925

Deuteranomaly
54, 26.146, 90.988

Tritanomaly
54, 7.094, 122.576

Monochromacy



Original Color
54, 30.317, 117.337

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.685, 118.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 30.317, 117.337 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(122, 135, 82)` looks like.

```
.text, #text, p{  
    color:rgb(122, 135, 82)  
}
```

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(122, 135, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 135, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 30.317, 117.337 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(122, 135, 82) }
```

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

```
.border{ border-color:rgb(122, 135, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 135, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 135, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 135, 82);  
box-shadow:4px 4px 4px 4px rgb(122, 135,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 30.317, 117.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 135, 82) }
```

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

```
.background{ background-color: rgb(122,  
135, 82) }
```

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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