

Converting Colors

CIELCh(64, 37.809, 119.188)

Have a look what the booklet for
CIELCh(64, 37.809, 119.188)
contains.

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Color

CIELCh(64, 37.776, 119.201)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8FA35F |
| RGB | 143, 163, 95 |
| RGB Percent | 56%, 64%, 37% |
| CMY | 0.4397, 0.3613, 0.6279 |
| CMYK | 0.12, 0.00, 0.42, 0.36 |
| HSL | 78°, 27%, 51% |
| HSV | 78°, 42%, 64% |
| XYZ | 26.4405, 32.8017, 15.7358 |
| YIQ | 149.2680, 9.9080, -25.3880 |

Conversions

Conversions Part 2

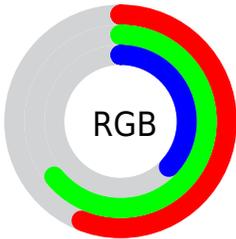
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 95, 163, 115 |
| Decimal | 9413471 |
| CIELab | 64.00, -18.43, 32.98 |
| CIElCh | 64, 37.776, 119.201 |
| Yxy | 32.8017, 0.3526, 0.4375 |
| Android (android.graphics.Color) | 4287603551 (0xFF8FA35F) |
| YUV | 149.2680, -26.7541, -5.4970 |
| Hunter-Lab | 57.2727, -17.8212, 23.8008 |

Details

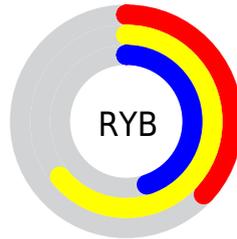
The CIELCh color **64, 37.776, 119.201** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 41.226, 304.595**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 37.553, 119.164**, and **44, 37.509, 119.321** is the 20% darker color. If you saturate the color by 10%, you get **63, 46.221, 118.711**, and if you desaturate by 10%, it is **65, 28.963, 119.759**.

Distribution



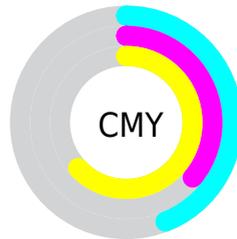
- Red (56%)
- Green (64%)
- Blue (37%)



- Red (37%)
- Yellow (64%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 37.776, 119.201 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 64, 37.776, 119.201 by changing the saturation by 10% instead.

 64, 37.776,
119.201

 64, 37.776,
119.201

 100, 37.776,
119.201

 54, 37.776,
119.201

 84, 37.776,
119.201

 44, 37.776,
119.201

 94, 37.776,
119.201

 34, 37.776,
119.201

 24, 37.776,
119.201

 14, 37.776,
119.201

 4, 37.776, 119.201

 0, 37.776, 119.201

■ 64, 37.776,
119.201

■ 64, 37.776,
119.201

■ 63, 46.221,
118.711

■ 65, 28.963,
119.759

■ 63, 54.071,
118.337

■ 65, 19.932,
120.340

■ 62, 61.010,
118.161

■ 66, 10.786,
120.923

■ 62, 66.647,
118.283

■ 67, 1.597, 121.511

■ 62, 70.618,
118.804

■ 68, 7.588, 302.024

■ 61, 72.901,
119.462

■ 69, 16.731,
302.539

■ 69, 25.810,
303.020

■ 70, 34.803,
303.467

■ 72, 43.699,
303.880

Harmonies

Complementary

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



64, 37.776, 119.201



45, 41.226, 304.595

Rectangle

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



64, 37.776, 119.201



64, 37.776, 169.201



64, 37.776, 299.201



64, 37.776, 349.201

Sweetspot

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



64, 37.777, 119.203



84, 14.773, 120.836



53, 24.846, 47.618



44, 10.418, 120.713



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 37.777, 119.203



81, 55.348, 118.747



62, 42.999, 136.060



34, 5.203, 121.067



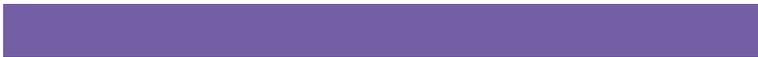
55, 67.008, 119.326



5, 8.198, 123.697

Inverse Universe

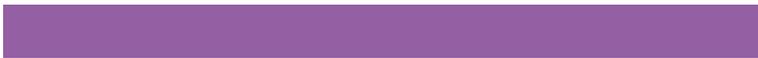
The Inverse Universe completely reimagines the original color for something new.



45, 41.226, 304.595



52, 61.877, 305.431



48, 43.842, 320.081



32, 5.299, 302.124



18, 85.312, 308.424



1, 8.098, 300.535

Previews

White Background



This preview shows how the CIELCh color 64, 37.776, 119.201 looks on a white background.

Color Contrast Check

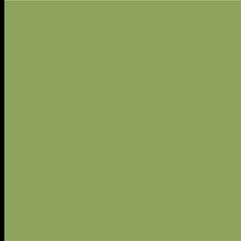
Large Text (above 18pt) WCAG AA × Fail

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 64, 37.776, 119.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

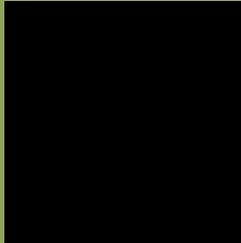
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.776, 119.201

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.776, 119.201.



This preview shows how white text looks on a background with the CIELCh color 64, 37.776, 119.201.

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
64, 37.776, 119.201

Protanopia
64, 34.989, 96.246

Deuteranopia
64, 32.973, 75.549



Tritanopia
64, 7.282, 285.143

Trichromacy



Original Color
64, 37.776, 119.201

Protanomaly
64, 35.337, 105.609

Deuteranomaly
64, 31.838, 92.423

Tritanomaly
64, 9.452, 128.638

Monochromacy



Original Color
64, 37.776, 119.201

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.202, 120.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.776, 119.201 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(143, 163, 95)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 95)  
}
```

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(143, 163, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.776, 119.201 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(143, 163, 95) }
```

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

```
.border{ border-color:rgb(143, 163, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.776, 119.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 95) }
```

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

```
.background{ background-color: rgb(143,  
163, 95) }
```

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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