

Converting Colors

CIELCh(44, 39.204, 114.997)

Have a look what the booklet for
CIELCh(44, 39.204, 114.997)
contains.

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Color

CIELCh(44, 38.926, 115.172)

Conversions

Conversions Part 1

Format	Color
Hex	5F6E2A
RGB	95, 110, 42
RGB Percent	37%, 43%, 16%
CMY	0.6262, 0.5674, 0.8341
CMYK	0.14, 0.00, 0.62, 0.57
HSL	73°, 45%, 30%
HSV	73°, 62%, 43%
XYZ	10.7850, 13.8382, 4.3210
YIQ	97.7630, 12.8880, -24.3280

Conversions

Conversions Part 2

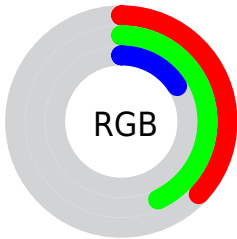
Format	Color
RYB	42, 110, 57
Decimal	6254122
CIELab	44.00, -16.56, 35.23
CIELCh	44, 38.926, 115.172
Yxy	13.8382, 0.3726, 0.4781
Android (android.graphics.Color)	4284444202 (0xFF5F6E2A)
YUV	97.7630, -27.4912, -2.4232
Hunter-Lab	37.1997, -13.3487, 19.1529

Details

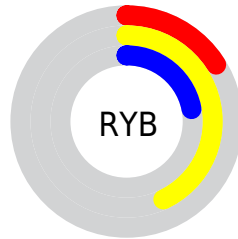
The CIELCh color **44, 38.926, 115.172** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23, 45.199, 304.307**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 39.373, 115.410**, and **24, 35.792, 116.633** is the 20% darker color. If you saturate the color by 10%, you get **44, 44.048, 114.865**, and if you desaturate by 10%, it is **44, 33.215, 115.637**.

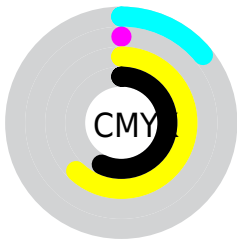
Distribution



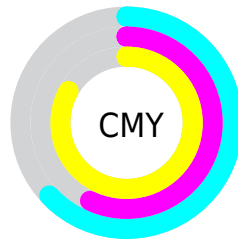
- Red (37%)
- Green (43%)
- Blue (16%)



- Red (16%)
- Yellow (43%)
- Blue (22%)



- Cyan (14%)
- Magenta (0%)
- Yellow (62%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 38.926, 115.172 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 44, 38.926, 115.172 by changing the saturation by 10% instead.

 44, 38.926,
115.172


 44, 38.926,
115.172

 100, 38.926,
115.172

 34, 38.926,
115.172

 64, 38.926,
115.172

 24, 38.926,
115.172

 74, 38.926,
115.172

 14, 38.926,
115.172

 84, 38.926,
115.172

 4, 38.926, 115.172

 94, 38.926,
115.172

 0, 38.926, 115.172

 44, 38.926,

 44, 38.926,

115.172

■ 44, 44.048,
114.865

■ 43, 48.321,
114.786

■ 43, 51.482,
115.019

■ 43, 53.774,
115.277

115.172

■ 44, 33.215,
115.637

■ 45, 27.115,
116.194

■ 45, 20.770,
116.802

■ 46, 14.277,
117.433

■ 46, 7.701, 118.064

■ 46, 1.090, 118.693

■ 47, 5.526, 299.276

■ 48, 12.124,
299.847

■ 48, 18.687,

Harmonies

Complementary

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



44, 38.926, 115.172



23, 45.199, 304.307

Rectangle

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



44, 38.926, 115.172



44, 38.926, 165.172



44, 38.926, 295.172



44, 38.926, 345.172

Sweetspot

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



44, 38.927, 115.174



58, 14.678, 117.634



30, 29.455, 41.720



30, 10.122, 117.492



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 38.927, 115.174



56, 55.389, 114.798



42, 44.197, 133.226



23, 3.768, 118.230



47, 57.075, 115.381



91, 97.775, 116.033

Inverse Universe

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



23, 45.199, 304.307



25, 67.431, 305.868



27, 45.843, 318.578



21, 3.839, 299.361



13, 74.907, 307.727



33, 128.693, 307.313

Previews

White Background



This preview shows how the CIELCh color 44, 38.926, 115.172 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 44, 38.926, 115.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

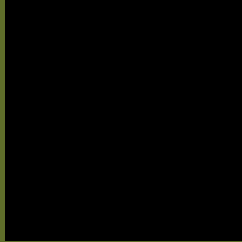
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

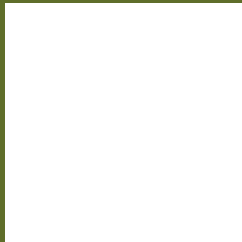
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 38.926, 115.172

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.926, 115.172.



This preview shows how white text looks on a background with the CIELCh color 44, 38.926, 115.172.

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

44, 38.926, 115.172

Protanopia

44, 36.944, 95.691

Deuteranopia

44, 34.625, 80.353



Tritanopia
44, 5.401, 290.957

Trichromacy



Original Color
44, 38.926, 115.172

Protanomaly
44, 36.865, 103.306

Deuteranomaly
44, 34.192, 93.740

Tritanomaly
44, 11.609, 121.450

Monochromacy



Original Color
44, 38.926, 115.172

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.511, 116.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.926, 115.172 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, 110, 42)` looks like.

```
.text, #text, p{  
    color:rgb(95, 110, 42)  
}
```

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, 110, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 110, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.926, 115.172 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, 110, 42) }
```

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

```
.border{ border-color:rgb(95, 110, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 110, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 110, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 110, 42);  
box-shadow:4px 4px 4px 4px rgb(95, 110,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.926, 115.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 110, 42) }
```

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

```
.background{ background-color: rgb(95, 110,  
42) }
```

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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