

Converting Colors

CIELCh(41, 38.986, 110.041)

Have a look what the booklet for
CIELCh(41, 38.986, 110.041)
contains.

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Color

CIELCh(41, 38.937, 109.339)

Conversions

Conversions Part 1

Format	Color
Hex	5E6520
RGB	94, 101, 32
RGB Percent	37%, 40%, 13%
CMY	0.6302, 0.6028, 0.8734
CMYK	0.07, 0.00, 0.68, 0.60
HSL	66°, 52%, 26%
HSV	66°, 68%, 40%
XYZ	9.5929, 11.8645, 3.1714
YIQ	91.0410, 17.9770, -22.9430

Conversions

Conversions Part 2

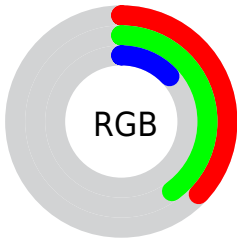
Format	Color
R_{YB}	32, 101, 39
Decimal	6186272
CIE _{Lab}	41.00, -12.89, 36.74
CIE _{LCh}	41, 38.937, 109.339
Yxy	11.8645, 0.3895, 0.4817
Android (android.graphics.Color)	4284376352 (0xFF5E6520)
YUV	91.0410, -29.1072, 2.5950
Hunter-Lab	34.4449, -10.5662, 18.6525

Details

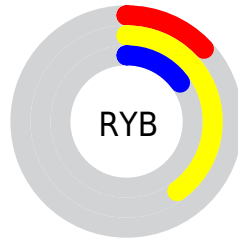
The CIELCh color **41, 38.937, 109.339** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18, 46.977, 302.368**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 39.202, 109.634**, and **21, 31.168, 111.533** is the 20% darker color. If you saturate the color by 10%, you get **41, 43.160, 108.947**, and if you desaturate by 10%, it is **41, 34.020, 109.890**.

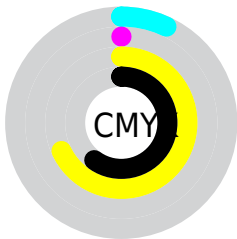
Distribution



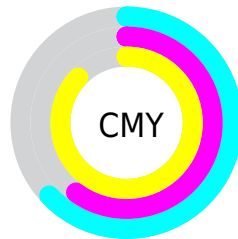
- Red (37%)
- Green (40%)
- Blue (13%)



- Red (13%)
- Yellow (40%)
- Blue (15%)



- Cyan (7%)
- Magenta (0%)
- Yellow (68%)
- Black (60%)





- Cyan (63%)
- Magenta (60%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 38.937, 109.339 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, 38.937, 109.339 by changing the saturation by 10% instead.


 41, 38.937,
109.339


 41, 38.937,
109.339


 100, 38.937,
109.339


 31, 38.937,
109.339

 61, 38.937,
109.339


 21, 38.937,
109.339

 71, 38.937,
109.339


 11, 38.937,
109.339


 81, 38.937,
109.339

 1, 38.937, 109.339

 91, 38.937,
109.339

 0, 38.937, 109.339

 41, 38.937,

 41, 38.937,

109.339

■ 41, 43.160,
108.947

■ 41, 46.433,
108.765

■ 41, 49.022,
108.725

■ 41, 49.533,
108.708

109.339

■ 41, 34.020,
109.890

■ 41, 28.628,
110.544

■ 42, 22.928,
111.263

■ 42, 17.035,
112.016

■ 42, 11.025,
112.783

■ 43, 4.951, 113.546

■ 43, 1.152, 294.313

■ 43, 7.260, 295.029

■ 44, 13.356,

Harmonies

Complementary

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



41, 38.937, 109.339



18, 46.977, 302.368

Rectangle

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



41, 38.937, 109.339



41, 38.937, 159.339



41, 38.937, 289.339



41, 38.937, 339.339

Sweetspot

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



41, 38.937, 109.341



54, 15.168, 112.594



25, 33.170, 34.039



28, 10.257, 112.443



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 38.937, 109.341



53, 54.956, 108.804



39, 43.454, 129.660



21, 3.441, 113.485



46, 54.116, 108.791



91, 93.923, 109.144

Inverse Universe

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



18, 46.977, 302.368



19, 70.616, 304.812



22, 46.539, 315.156



19, 3.510, 294.873



11, 73.596, 306.816



31, 128.153, 306.557

Previews

White Background



This preview shows how the CIELCh color 41, 38.937, 109.339 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, 38.937, 109.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

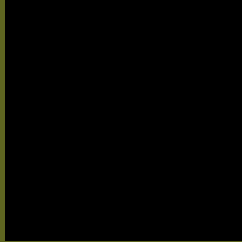
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 38.937, 109.339

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.937, 109.339.



This preview shows how white text looks on a background with the CIELCh color 41, 38.937, 109.339.

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, 38.937, 109.339

Protanopia

41, 37.894, 96.092

Deuteranopia

41, 36.152, 81.280



Tritanopia
41, 4.943, 320.761

Trichromacy



Original Color
41, 38.937, 109.339

Protanomaly
41, 38.396, 101.380

Deuteranomaly
41, 35.640, 91.841

Tritanomaly
41, 12.080, 104.068

Monochromacy



Original Color
41, 38.937, 109.339

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 15.155, 112.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.937, 109.339 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, 101, 32)` looks like.

```
.text, #text, p{  
    color:rgb(94, 101, 32)  
}
```

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, 101, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 101, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.937, 109.339 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, 101, 32) }
```

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

```
.border{ border-color:rgb(94, 101, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 101, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 101, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 101, 32);  
box-shadow:4px 4px 4px 4px rgb(94, 101,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.937, 109.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 101, 32) }
```

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

```
.background{ background-color: rgb(94, 101,  
32) }
```

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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