

Converting Colors

CIELCh(38, 37.908, 104.280)

Have a look what the booklet for
CIELCh(38, 37.908, 104.280)
contains.

CIELCh(38, 37.846, 104.099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(38, 37.846, 104.099)

Conversions

Conversions Part 1

Format	Color
Hex	5C5C19
RGB	92, 92, 25
RGB Percent	36%, 36%, 10%
CMY	0.6376, 0.6377, 0.9004
CMYK	0.00, 0.00, 0.73, 0.64
HSL	60°, 57%, 23%
HSV	60°, 73%, 36%
XYZ	8.4936, 10.0881, 2.4415
YIQ	84.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

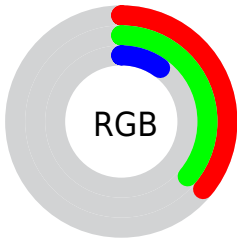
Format	Color
R_{YB}	25, 92, 25
Decimal	6052889
CIE Lab	38.00, -9.22, 36.71
CIE LCh	38, 37.846, 104.099
Yxy	10.0881, 0.4040, 0.4799
Android (android.graphics.Color)	4284242969 (0xFF5C5C19)
YUV	84.3620, -29.2655, 6.6985
Hunter-Lab	31.7617, -7.8492, 17.6757

Details

The CIELCh color **38, 37.846, 104.099** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **14, 46.716, 301.194**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 37.909, 104.334**, and **18, 26.568, 106.614** is the 20% darker color. If you saturate the color by 10%, you get **38, 41.437, 103.546**, and if you desaturate by 10%, it is **38, 33.526, 104.780**.

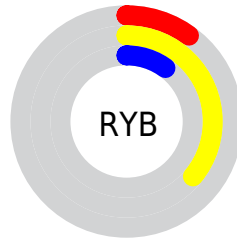
Distribution



Red (36%)

Green (36%)

Blue (10%)



Red (10%)

Yellow (36%)

Blue (10%)

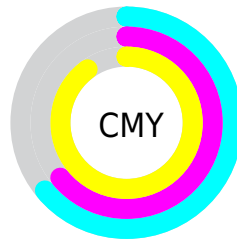


Cyan (0%)

Magenta (0%)

Yellow (73%)

Black (64%)



Cyan (64%)


Magenta (64%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 37.846, 104.099 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 38, 37.846, 104.099 by changing the saturation by 10% instead.


 38, 37.846,
104.099


 38, 37.846,
104.099

 100, 37.846,
104.099


 28, 37.846,
104.099

 58, 37.846,
104.099


 18, 37.846,
104.099


 68, 37.846,
104.099

 8, 37.846, 104.099

 78, 37.846,
104.099

 0, 37.846, 104.099

 88, 37.846,
104.099

 98, 37.846,
104.099

■ 38, 37.846,
104.099

■ 38, 37.846,
104.099

■ 38, 41.437,
103.546

■ 38, 33.526,
104.780

■ 38, 44.149,
103.134

■ 38, 28.696,
105.552

■ 38, 46.141,
102.836

■ 38, 23.529,
106.386

■ 38, 18.146,
107.259

■ 39, 12.633,
108.152

■ 39, 7.043, 109.048

■ 39, 1.415, 109.919

■ 39, 4.227, 290.829

Harmonies

Complementary

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



38, 37.846, 104.099



14, 46.716, 301.194

Rectangle

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



38, 37.846, 104.099



38, 37.846, 154.099



38, 37.846, 284.099



38, 37.846, 334.099

Sweetspot

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



38, 37.846, 104.101



50, 15.289, 108.137



20, 34.755, 28.455



25, 10.347, 107.986



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



38, 37.846, 104.101



49, 52.193, 103.241



36, 41.092, 125.725



19, 3.136, 109.377



45, 52.032, 102.835



91, 91.712, 102.834

Inverse Universe

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



14, 46.716, 301.194



15, 69.000, 304.420



17, 45.735, 311.894



17, 3.198, 291.005



10, 71.846, 306.281



30, 126.653, 306.285

Previews

White Background



This preview shows how the CIELCh color 38, 37.846, 104.099 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 38, 37.846, 104.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

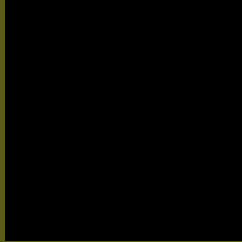
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 37.846, 104.099

Background



This preview shows how black text looks on a background with the CIELCh color 38, 37.846, 104.099.



This preview shows how white text looks on a background with the CIELCh color 38, 37.846, 104.099.

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


38, 37.846, 104.099

Protanopia

38, 37.359, 96.390

Deuteranopia

38, 36.398, 82.321



Tritanopia
38, 6.676, 340.271

Trichromacy



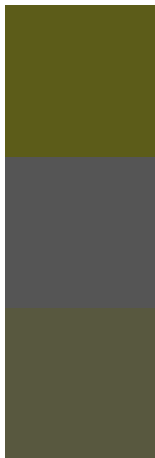
Original Color
38, 37.846, 104.099

Protanomaly
38, 37.548, 99.520

Deuteranomaly
38, 36.350, 90.643

Tritanomaly
38, 12.801, 91.363

Monochromacy



Original Color
38, 37.846, 104.099

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 15.270, 107.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 37.846, 104.099 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(92, 92, 25)` looks like.

```
.text, #text, p{  
    color:rgb(92, 92, 25)  
}
```

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(92, 92, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 92, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 37.846, 104.099 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(92, 92, 25) }
```

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

```
.border{ border-color:rgb(92, 92, 25) }
```

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

Here you see how a box with a 4 pixel rgb(92, 92, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 92, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 92, 25);  
box-shadow:4px 4px 4px 4px rgb(92, 92, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 37.846, 104.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 92, 25) }
```

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

```
.background{ background-color: rgb(92, 92,  
25) }
```

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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