

Converting Colors

CIELCh(41, 38.930, 124.835)

Have a look what the booklet for
CIELCh(41, 38.930, 124.835)
contains.

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Color

CIELCh(41, 38.966, 124.804)

Conversions

Conversions Part 1

Format	Color
Hex	4C6929
RGB	76, 105, 41
RGB Percent	30%, 41%, 16%
CMY	0.7010, 0.5872, 0.8383
CMYK	0.28, 0.00, 0.61, 0.59
HSL	87°, 44%, 29%
HSV	87°, 61%, 41%
XYZ	8.4833, 11.8645, 3.9630
YIQ	89.0330, 3.2600, -26.0520

Conversions

Conversions Part 2

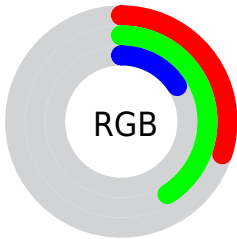
Format	Color
RYB	41, 105, 70
Decimal	5007657
CIELab	41.00, -22.24, 32.00
CIELCh	41, 38.966, 124.804
Yxy	11.8645, 0.3490, 0.4880
Android (android.graphics.Color)	4283197737 (0xFF4C6929)
YUV	89.0330, -23.6803, -11.4299
Hunter-Lab	34.4449, -16.3167, 17.2899

Details

The CIELCh color $41, 38.966, 124.804$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23, 42.943, 310.583$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 38.615, 124.637$, and $21, 36.151, 126.848$ is the 20% darker color. If you saturate the color by 10%, you get $41, 44.368, 124.626$, and if you desaturate by 10%, it is $41, 33.048, 125.140$.

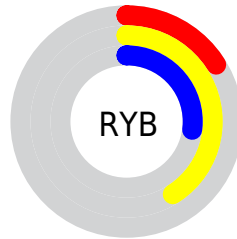
Distribution



 Red (30%)

 Green (41%)

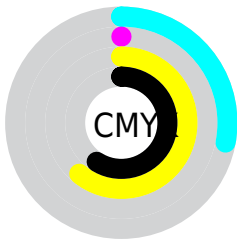
 Blue (16%)



 Red (16%)

 Yellow (41%)

 Blue (27%)

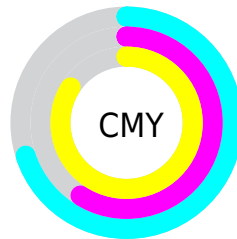


 Cyan (28%)

 Magenta (0%)

 Yellow (61%)

 Black (59%)



 Cyan (70%)


 Magenta (59%)


 Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 38.966, 124.804 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, 38.966, 124.804 by changing the saturation by 10% instead.

 41, 38.966,
124.804


 41, 38.966,
124.804


 100, 38.966,
124.804


 31, 38.966,
124.804

 61, 38.966,
124.804


 21, 38.966,
124.804

 71, 38.966,
124.804


 11, 38.966,
124.804


 81, 38.966,
124.804

 1, 38.966, 124.804

 91, 38.966,
124.804

 0, 38.966, 124.804

 41, 38.966,

 41, 38.966,

124.804

124.804

■ 41, 44.368,
124.626

■ 41, 33.048,
125.140

■ 40, 49.018,
124.694

■ 42, 26.796,
125.561

■ 40, 52.661,
125.118

■ 43, 20.339,
126.021

■ 40, 55.621,
125.542

■ 43, 13.770,
126.490

■ 44, 7.153, 126.951

■ 44, 0.534, 127.498

■ 45, 6.055, 307.774

■ 46, 12.590,
308.156

■ 47, 19.054,

Harmonies

Complementary

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



41, 38.966, 124.804



23, 42.943, 310.583

Rectangle

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



41, 38.966, 124.804



41, 38.966, 174.804



41, 38.966, 304.804



41, 38.966, 354.804

Sweetspot

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



41, 38.967, 124.805



56, 14.847, 126.597



33, 26.069, 63.324



28, 10.238, 126.495



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 38.967, 124.805



52, 56.316, 124.618



39, 44.879, 138.634



22, 3.768, 127.035



44, 60.174, 125.744



87, 104.431, 126.696

Inverse Universe

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



23, 42.943, 310.583



27, 63.682, 311.199



28, 44.722, 325.797



20, 3.820, 307.797



16, 70.695, 311.330



38, 122.454, 310.688

Previews

White Background



This preview shows how the CIELCh color 41, 38.966, 124.804 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 CIELCh color 41, 38.966, 124.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

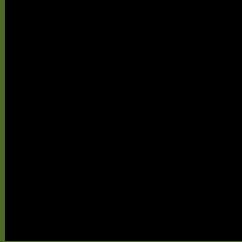
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 38.966, 124.804

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.966, 124.804.



This preview shows how white text looks on a background with the CIELCh color 41, 38.966, 124.804.

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

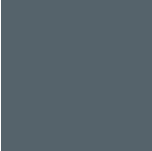
41, 38.966, 124.804

Protanopia

41, 33.975, 96.650

Deuteranopia

41, 31.259, 80.446



Tritanopia
41, 7.179, 241.648

Trichromacy



Original Color
41, 38.966, 124.804

Protanomaly
41, 34.549, 108.138

Deuteranomaly
41, 31.123, 99.987

Tritanomaly
41, 13.605, 144.765

Monochromacy



Original Color
41, 38.966, 124.804

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 14.798, 127.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.966, 124.804 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(76, 105, 41)` looks like.

```
.text, #text, p{  
    color:rgb(76, 105, 41)  
}
```

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(76, 105, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 105, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.966, 124.804 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(76, 105, 41) }
```

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

```
.border{ border-color:rgb(76, 105, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 105, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 105, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 105, 41);  
box-shadow:4px 4px 4px 4px rgb(76, 105,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.966, 124.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 105, 41) }
```

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

```
.background{ background-color: rgb(76, 105,  
41) }
```

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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