

Converting Colors

CIELCh(41, 1.513, 30.241)

Have a look what the booklet for
CIELCh(41, 1.513, 30.241) contains.

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Color

CIELCh(41, 1.394, 45.026)

Conversions

Conversions Part 1

Format	Color
Hex	63605F
RGB	99, 96, 95
RGB Percent	39%, 38%, 37%
CMY	0.6115, 0.6232, 0.6271
CMYK	0.00, 0.03, 0.04, 0.61
HSL	15°, 2%, 38%
HSV	15°, 4%, 39%
XYZ	11.4131, 11.8645, 12.5335
YIQ	96.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

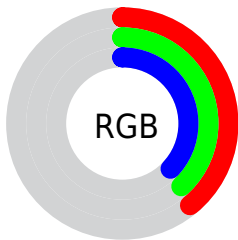
Format	Color
RYB	99, 96, 95
Decimal	6512735
CIELab	41.00, 0.99, 0.99
CIELCh	41, 1.394, 45.026
Yxy	11.8645, 0.3187, 0.3313
Android (android.graphics.Color)	4284702815 (0xFF63605F)
YUV	96.7830, -0.8790, 1.9443
Hunter-Lab	34.4449, -1.1339, 2.5376

Details

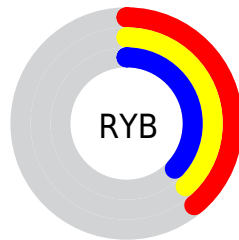
The CIELCh color **41, 1.394, 45.026** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 1.367, 225.884**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 1.652, 39.145**, and **21, 1.564, 45.009** is the 20% darker color. If you saturate the color by 10%, you get **39, 5.031, 44.870**, and if you desaturate by 10%, it is **43, 1.991, 225.898**.

Distribution



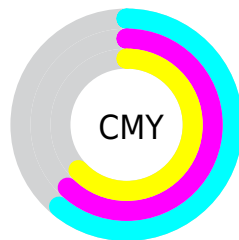
- Red (39%)
- Green (38%)
- Blue (37%)



- Red (39%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 1.394, 45.026 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, 1.394, 45.026 by changing the saturation by 10% instead.

 41, 1.394, 45.026	 41, 1.394, 45.026
 100, 1.394, 45.026	 31, 1.394, 45.026
 61, 1.394, 45.026	 21, 1.394, 45.026
 71, 1.394, 45.026	 11, 1.394, 45.026
 81, 1.394, 45.026	 1, 1.394, 45.026
 91, 1.394, 45.026	 0, 1.394, 45.026

 41, 1.394, 45.026	 41, 1.394, 45.026
 39, 5.031, 44.870	 43, 1.991, 225.898
 36, 8.945, 44.595	 46, 5.151, 226.270
 34, 13.159, 44.400	 48, 8.109, 226.742

■ 32, 17.687, 44.319

■ 51, 10.889,
227.244

■ 29, 22.529, 44.376

■ 54, 13.511,
227.757

■ 27, 27.661, 44.585

■ 25, 33.007, 44.928

■ 56, 15.996,
228.274

■ 24, 38.393, 45.315

■ 59, 18.358,
228.789

■ 22, 42.875, 44.779

■ 61, 20.613,
229.297

■ 64, 22.772,
229.797

Harmonies

Complementary

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



41, 1.394, 45.026



41, 1.367, 225.884

Rectangle

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



41, 1.394, 45.026



41, 1.394, 95.026



41, 1.394, 225.026



41, 1.394, 275.026

Sweetspot

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



41, 1.394, 45.081



54, 0.425, 44.530



41, 2.486, 332.504



28, 0.244, 44.448



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, 1.394, 45.081



53, 2.168, 45.086



42, 1.851, 96.733



19, 1.146, 45.085



25, 50.708, 45.173



54, 93.093, 44.797

Inverse Universe

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



41, 1.367, 225.884



53, 2.112, 225.889



41, 1.865, 277.738



20, 1.116, 225.891



33, 24.701, 244.061



69, 43.885, 247.191

Previews

White Background



This preview shows how the CIELCh color 41, 1.394, 45.026 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, 1.394, 45.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

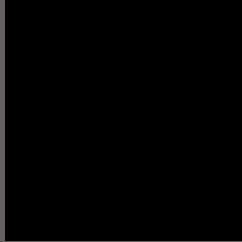
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

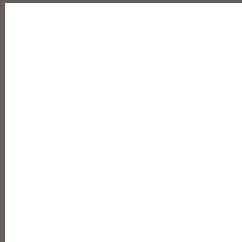
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 1.394, 45.026

Background



This preview shows how black text looks on a background with the CIELCh color 41, 1.394, 45.026.



This preview shows how white text looks on a background with the CIELCh color 41, 1.394, 45.026.

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, 1.394, 45.026

Protanopia

41, 1.394, 45.026

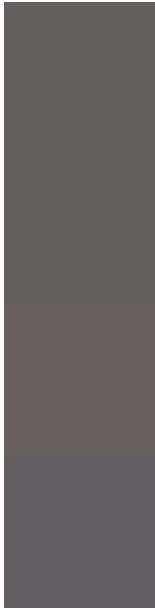
Deuteranopia

41, 5.240, 6.748



Tritanopia
41, 4.748, 316.428

Trichromacy



Original Color

41, 1.394, 45.026

Protanomaly

41, 1.394, 45.026

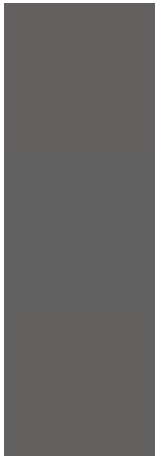
Deuteranomaly

41, 3.439, 9.658

Tritanomaly

41, 3.217, 330.759

Monochromacy



Original Color

41, 1.394, 45.026

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 0.728, 74.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 1.394, 45.026 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(99, 96, 95)` looks like.

```
.text, #text, p{  
    color:rgb(99, 96, 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(99, 96, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 96, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 1.394, 45.026 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(99, 96, 95) }
```

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

```
.border{ border-color:rgb(99, 96, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 96, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 96, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 96, 95);  
box-shadow:4px 4px 4px 4px rgb(99, 96, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 1.394, 45.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 96, 95) }
```

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

```
.background{ background-color: rgb(99, 96,  
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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