

Converting Colors

CIELCh(40, 11.488, 111.646)

Have a look what the booklet for
CIELCh(40, 11.488, 111.646)
contains.

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Color

CIELCh(40, 11.516, 112.829)

Conversions

Conversions Part 1

Format	Color
Hex	5E604D
RGB	94, 96, 77
RGB Percent	37%, 38%, 30%
CMY	0.6318, 0.6240, 0.6985
CMYK	0.02, 0.00, 0.20, 0.62
HSL	66°, 11%, 34%
HSV	66°, 20%, 38%
XYZ	10.1108, 11.2510, 8.6382
YIQ	93.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

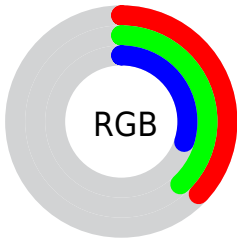
Format	Color
R_{YB}	77, 96, 79
Decimal	6185037
CIE Lab	40.00, -4.47, 10.61
CIE LCh	40, 11.516, 112.829
Yxy	11.2510, 0.3370, 0.3750
Android (android.graphics.Color)	4284375117 (0xFF5E604D)
YUV	93.2360, -8.0043, 0.6700
Hunter-Lab	33.5425, -4.8935, 8.2108

Details

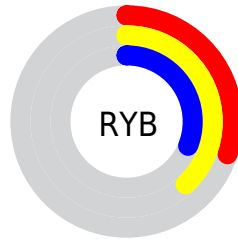
The CIELCh color $40, 11.516, 112.829$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34, 12.007, 296.005$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 11.261, 113.027$, and $20, 11.435, 112.559$ is the 20% darker color. If you saturate the color by 10%, you get $40, 17.249, 112.078$, and if you desaturate by 10%, it is $40, 5.717, 113.587$.

Distribution



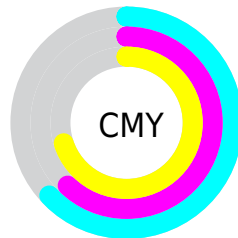
- Red (37%)
- Green (38%)
- Blue (30%)



- Red (30%)
- Yellow (38%)
- Blue (31%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)





- Cyan (63%)
- Magenta (62%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.516, 112.829 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 40, 11.516, 112.829 by changing the saturation by 10% instead.


 40, 11.516,
112.829


 40, 11.516,
112.829


 100, 11.516,
112.829


 30, 11.516,
112.829

 60, 11.516,
112.829


 20, 11.516,
112.829


 70, 11.516,
112.829


 10, 11.516,
112.829

 80, 11.516,
112.829

 0, 11.516, 112.829

 90, 11.516,
112.829

 40, 11.516,

 40, 11.516,

112.829

112.829

■ 40, 17.249,
112.078

■ 40, 5.717, 113.587

■ 39, 22.862,
111.338

■ 41, 0.114, 294.457

■ 41, 5.954, 295.057

■ 39, 28.278,
110.637

■ 42, 11.784,
295.751

■ 39, 33.384,
110.004

■ 42, 17.591,
296.415

■ 39, 38.016,
109.482

■ 42, 23.366,
297.046

■ 39, 41.960,
109.121

■ 43, 29.102,
297.644

■ 39, 44.977,
108.977

■ 43, 34.791,
298.207

■ 38, 47.633,
108.900

■ 44, 40.429,

■ 38, 47.685,
108.897

298.736

Harmonies

Complementary

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



40, 11.516, 112.829



34, 12.007, 296.005

Rectangle

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



40, 11.516, 112.829



40, 11.516, 162.829



40, 11.516, 292.829



40, 11.516, 342.829

Sweetspot

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



40, 11.517, 112.833



52, 4.347, 113.857



35, 7.778, 29.162



27, 2.906, 113.828



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



40, 11.517, 112.833



51, 17.312, 112.461



39, 12.590, 131.682



20, 3.296, 113.656



45, 53.283, 109.009



90, 93.227, 109.386

Inverse Universe

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



34, 12.007, 296.005



42, 18.252, 296.502



34, 12.837, 313.271



18, 3.361, 295.018



11, 72.387, 306.853



31, 127.094, 306.576

Previews

White Background



This preview shows how the CIELCh color 40, 11.516, 112.829 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 40, 11.516, 112.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

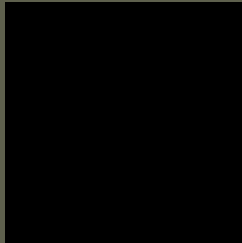
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

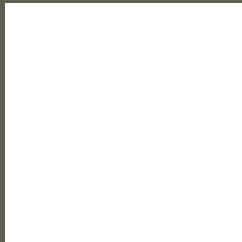
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 11.516, 112.829

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.516, 112.829.



This preview shows how white text looks on a background with the CIELCh color 40, 11.516, 112.829.

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


40, 11.516, 112.829

Protanopia

40, 11.238, 94.523

Deuteranopia

40, 11.444, 63.342



Tritanopia
40, 4.599, 311.780

Trichromacy



Original Color
40, 11.516, 112.829

Protanomaly
40, 11.566, 101.688

Deuteranomaly
40, 10.390, 80.216

Tritanomaly
40, 1.471, 74.805

Monochromacy



Original Color
40, 11.516, 112.829

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 4.280, 115.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.516, 112.829 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, 96, 77)` looks like.

```
.text, #text, p{  
    color:rgb(94, 96, 77)  
}
```

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, 96, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 96, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.516, 112.829 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, 96, 77) }
```

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

```
.border{ border-color:rgb(94, 96, 77) }
```

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

Here you see how a box with a 4 pixel rgb(94, 96, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 96, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 96, 77);  
box-shadow:4px 4px 4px 4px rgb(94, 96, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.516, 112.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 96, 77) }
```

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

```
.background{ background-color: rgb(94, 96,  
77) }
```

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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