

Converting Colors

CIELCh(40, 11.764, 254.037)

Have a look what the booklet for
CIELCh(40, 11.764, 254.037)
contains.

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Color

CIELCh(40, 11.534, 251.614)

Conversions

Conversions Part 1

Format	Color
Hex	4D6170
RGB	77, 97, 112
RGB Percent	30%, 38%, 44%
CMY	0.6987, 0.6203, 0.5615
CMYK	0.31, 0.13, 0.00, 0.56
HSL	206°, 19%, 37%
HSV	206°, 31%, 44%
XYZ	10.2174, 11.2510, 16.9067
YIQ	92.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

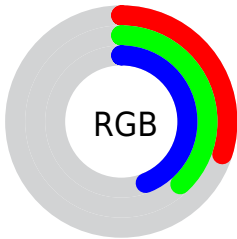
Format	Color
R_{YB}	77, 90, 112
Decimal	5071216
CIE Lab	40.00, -3.64, -10.95
CIE LCh	40, 11.534, 251.614
Yxy	11.2510, 0.2663, 0.2932
Android (android.graphics.Color)	4283261296 (0xFF4D6170)
YUV	92.7300, 9.5001, -13.7952
Hunter-Lab	33.5425, -4.3261, -6.4047

Details

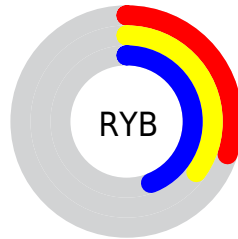
The CIELCh color **40, 11.534, 251.614** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 12.995, 64.061**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 11.532, 250.786**, and **20, 11.306, 250.432** is the 20% darker color. If you saturate the color by 10%, you get **38, 14.985, 253.565**, and if you desaturate by 10%, it is **42, 7.954, 249.985**.

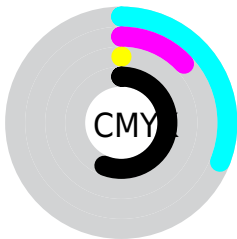
Distribution



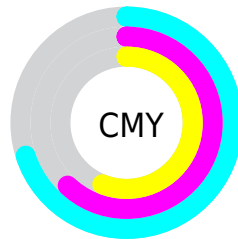
- Red (30%)
- Green (38%)
- Blue (44%)



- Red (30%)
- Yellow (35%)
- Blue (44%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)





- Cyan (70%)
- Magenta (62%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.534, 251.614 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, 11.534, 251.614 by changing the saturation by 10% instead.


 40, 11.534,
251.614


 40, 11.534,
251.614


 100, 11.534,
251.614


 30, 11.534,
251.614

 60, 11.534,
251.614


 20, 11.534,
251.614

 70, 11.534,
251.614


 10, 11.534,
251.614

 80, 11.534,
251.614

 0, 11.534, 251.614

 90, 11.534,
251.614

 40, 11.534,

 40, 11.534,

251.614

■ 38, 14.985,
253.565

■ 36, 18.291,
255.908

■ 34, 21.442,
258.698

■ 32, 24.448,
261.983

■ 30, 27.339,
265.780

■ 28, 30.170,
270.048

■ 26, 32.714,
273.656

251.614

■ 42, 7.954, 249.985

■ 45, 4.268, 248.647

■ 47, 0.497, 247.990

■ 49, 3.336, 66.381

■ 52, 7.214, 65.603

■ 54, 11.121, 64.912

■ 56, 15.042, 64.312

■ 59, 18.967, 63.790

■ 61, 22.887, 63.332

Harmonies

Complementary

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



40, 11.534, 251.614



41, 12.995, 64.061

Rectangle

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



40, 11.534, 251.614



40, 11.534, 301.614



40, 11.534, 71.614



40, 11.534, 121.614

Sweetspot

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



40, 11.533, 251.611



58, 4.226, 248.409



44, 18.777, 156.822



30, 2.956, 248.542



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



40, 11.533, 251.611



50, 17.162, 253.085



35, 20.045, 290.441



22, 2.136, 248.382



28, 34.592, 274.067



58, 61.992, 277.066

Inverse Universe

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



37, 19.071, 342.511



45, 28.680, 343.265



45, 18.898, 103.500



22, 3.390, 340.605



25, 49.732, 354.001



54, 84.178, 356.092

Previews

White Background



This preview shows how the CIELCh color 40, 11.534, 251.614 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, 11.534, 251.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

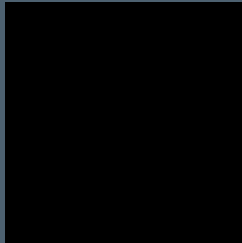
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

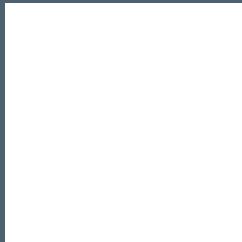
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 11.534, 251.614

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.534, 251.614.



This preview shows how white text looks on a background with the CIELCh color 40, 11.534, 251.614.

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, 11.534, 251.614

Protanopia

40, 9.783, 287.097

Deuteranopia

40, 12.867, 295.555



Tritanopia
40, 9.813, 228.470

Trichromacy



Original Color
40, 11.534, 251.614

Protanomaly
40, 10.151, 274.084

Deuteranomaly
40, 11.746, 280.735

Tritanomaly
40, 10.086, 235.977

Monochromacy



Original Color
40, 11.534, 251.614

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 4.568, 252.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.534, 251.614 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(77, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(77, 97, 112)  
}
```

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(77, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 97, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.534, 251.614 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(77, 97, 112) }
```

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

```
.border{ border-color:rgb(77, 97, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 97, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(77, 97,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.534, 251.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 97, 112) }
```

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

```
.background{ background-color: rgb(77, 97,  
112) }
```

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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