

Converting Colors

CIELCh(40, 14.612, 131.701)

Have a look what the booklet for
CIELCh(40, 14.612, 131.701)
contains.

CIELCh(40, 14.491, 131.258)	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(40, 14.491, 131.258)

Conversions

Conversions Part 1

Format	Color
Hex	55624C
RGB	85, 98, 76
RGB Percent	33%, 38%, 30%
CMY	0.6657, 0.6147, 0.7010
CMYK	0.13, 0.00, 0.22, 0.61
HSL	95°, 13%, 34%
HSV	95°, 22%, 39%
XYZ	9.4733, 11.2510, 8.5541
YIQ	91.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

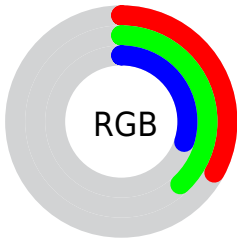
Format	Color
R_{YB}	76, 98, 89
Decimal	5595724
CIE _{Lab}	40.00, -9.56, 10.89
CIE _{LCh}	40, 14.491, 131.258
Yxy	11.2510, 0.3236, 0.3843
Android (android.graphics.Color)	4283785804 (0xFF55624C)
YUV	91.6050, -7.6933, -5.7926
Hunter-Lab	33.5425, -8.2864, 8.3594

Details

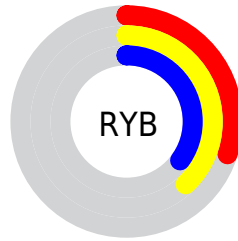
The CIELCh color **40, 14.491, 131.258** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 14.824, 313.085**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 14.629, 131.251**, and **20, 14.650, 131.001** is the 20% darker color. If you saturate the color by 10%, you get **39, 20.934, 130.802**, and if you desaturate by 10%, it is **41, 8.012, 131.698**.

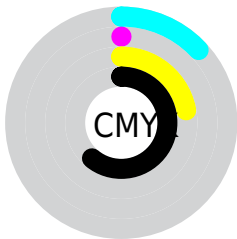
Distribution



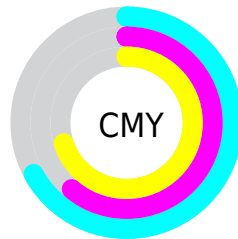
- Red (33%)
- Green (38%)
- Blue (30%)



- Red (30%)
- Yellow (38%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (61%)




- Cyan (67%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 14.491, 131.258 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, 14.491, 131.258 by changing the saturation by 10% instead.


 40, 14.491,
131.258


 40, 14.491,
131.258


 100, 14.491,
131.258


 30, 14.491,
131.258

 60, 14.491,
131.258


 20, 14.491,
131.258

 70, 14.491,
131.258


 10, 14.491,
131.258

 80, 14.491,
131.258

 0, 14.491, 131.258

 90, 14.491,
131.258

 40, 14.491,

 40, 14.491,

131.258

■ 39, 20.934,
130.802

■ 39, 27.268,
130.340

■ 38, 33.399,
129.902

■ 38, 39.194,
129.535

■ 37, 44.473,
129.310

■ 37, 49.006,
129.321

■ 37, 52.599,
129.648

■ 36, 55.193,
129.785

131.258

■ 41, 8.012, 131.698

■ 41, 1.543, 132.146

■ 42, 4.879, 312.437

■ 43, 11.227,
312.779

■ 44, 17.484,
313.078

■ 45, 23.637,
313.342

■ 46, 29.676,
313.576

■ 47, 35.598,
313.782

■ 48, 41.400,

Harmonies

Complementary

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



40, 14.491, 131.258



34, 14.824, 313.085

Rectangle

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



40, 14.491, 131.258



40, 14.491, 181.258



40, 14.491, 311.258



40, 14.491, 1.258

Sweetspot

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



40, 14.492, 131.260



53, 5.592, 131.919



38, 8.889, 81.163



27, 3.602, 131.907



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, 14.492, 131.260



51, 21.631, 131.015



39, 15.516, 145.389



20, 3.577, 131.848



42, 60.772, 130.035



84, 107.344, 130.984

Inverse Universe

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



34, 14.824, 313.085



43, 22.251, 313.321



35, 15.537, 327.963



18, 3.614, 312.511



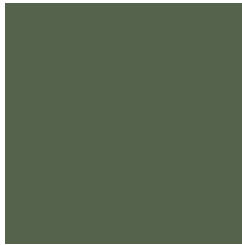
17, 66.553, 314.651



41, 116.944, 313.981

Previews

White Background



This preview shows how the CIELCh color 40, 14.491, 131.258 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, 14.491, 131.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

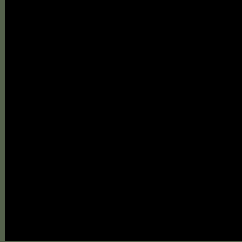
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

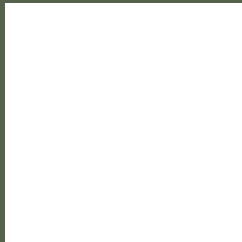
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 14.491, 131.258

Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.491, 131.258.



This preview shows how white text looks on a background with the CIELCh color 40, 14.491, 131.258.

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, 14.491, 131.258

Protanopia

40, 12.414, 95.596

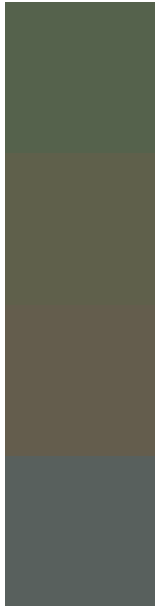
Deuteranopia

40, 11.385, 59.726



Tritanopia
40, 4.849, 261.128

Trichromacy



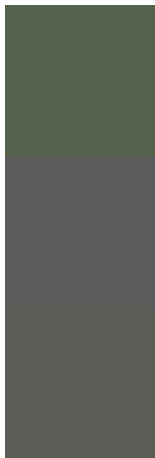
Original Color
40, 14.491, 131.258

Protanomaly
40, 12.682, 110.237

Deuteranomaly
40, 10.216, 90.679

Tritanomaly
40, 3.814, 170.350

Monochromacy



Original Color
40, 14.491, 131.258

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 5.178, 128.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 14.491, 131.258 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(85, 98, 76)` looks like.

```
.text, #text, p{  
    color:rgb(85, 98, 76)  
}
```

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(85, 98, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 98, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.491, 131.258 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(85, 98, 76) }
```

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

```
.border{ border-color:rgb(85, 98, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 98, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 98, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 98, 76);  
box-shadow:4px 4px 4px 4px rgb(85, 98, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.491, 131.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 98, 76) }
```

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

```
.background{ background-color: rgb(85, 98,  
76) }
```

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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