

Converting Colors

CIELCh(40, 14.659, 145.379)

Have a look what the booklet for
CIELCh(40, 14.659, 145.379)
contains.

CIELCh(40, 14.402, 144.598)	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, 14.402, 144.598)

Conversions

Conversions Part 1

Format	Color
Hex	4F6350
RGB	79, 99, 80
RGB Percent	31%, 39%, 31%
CMY	0.6889, 0.6104, 0.6849
CMYK	0.20, 0.00, 0.19, 0.61
HSL	123°, 11%, 35%
HSV	123°, 20%, 39%
XYZ	9.2081, 11.2510, 9.3412
YIQ	90.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

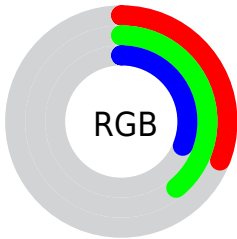
Format	Color
RYB	79, 98, 99
Decimal	5202768
CIELab	40.00, -11.74, 8.34
CIElCh	40, 14.402, 144.598
Yxy	11.2510, 0.3090, 0.3775
Android (android.graphics.Color)	4283392848 (0xFF4F6350)
YUV	90.8540, -5.3510, -10.3960
Hunter-Lab	33.5425, -9.6972, 6.9682

Details

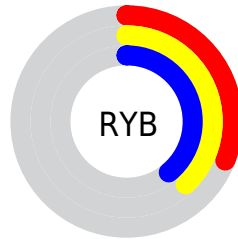
The CIELCh color **40, 14.402, 144.598** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 14.419, 326.851**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 14.727, 144.805**, and **20, 14.380, 143.917** is the 20% darker color. If you saturate the color by 10%, you get **39, 21.561, 143.840**, and if you desaturate by 10%, it is **41, 7.220, 145.261**.

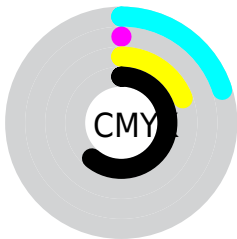
Distribution



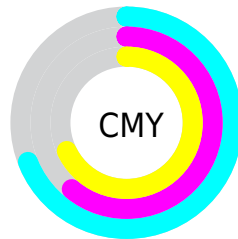
- Red (31%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (38%)
- Blue (39%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)





- Cyan (69%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 14.402, 144.598 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, 14.402, 144.598 by changing the saturation by 10% instead.

 40, 14.402,
144.598


 40, 14.402,
144.598


 100, 14.402,
144.598


 30, 14.402,
144.598

 60, 14.402,
144.598


 20, 14.402,
144.598

 70, 14.402,
144.598


 10, 14.402,
144.598

 80, 14.402,
144.598

 0, 14.402, 144.598

 90, 14.402,
144.598

 40, 14.402,

 40, 14.402,

144.598

144.598

■ 39, 21.561,
143.840

■ 41, 7.220, 145.261

■ 38, 28.585,
142.971

■ 42, 0.096, 147.491

■ 38, 35.336,
141.988

■ 43, 6.909, 326.254

■ 37, 41.650,
140.903

■ 45, 13.754,
326.679

■ 37, 47.332,
139.751

■ 46, 20.411,
327.038

■ 36, 52.168,
138.600

■ 47, 26.867,
327.347

■ 36, 55.939,
137.548

■ 49, 33.115,
327.614

■ 36, 58.809,
136.842

■ 50, 39.157,
327.847

■ 52, 44.997,

Harmonies

Complementary

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



40, 14.402, 144.598



36, 14.419, 326.851

Rectangle

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



40, 14.402, 144.598



40, 14.402, 194.598



40, 14.402, 324.598



40, 14.402, 14.598

Sweetspot

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



40, 14.403, 144.598



54, 5.313, 145.507



42, 12.016, 109.771



28, 3.553, 145.481



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



40, 14.403, 144.598



51, 21.428, 144.264



40, 10.076, 163.824



19, 3.907, 145.341



41, 64.244, 136.739



83, 113.481, 136.310

Inverse Universe

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



36, 14.419, 326.851



46, 21.446, 327.094



36, 10.357, 347.169



18, 3.915, 326.242



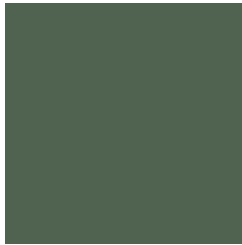
25, 60.768, 330.225



56, 105.980, 330.357

Previews

White Background



This preview shows how the CIELCh color 40, 14.402, 144.598 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, 14.402, 144.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

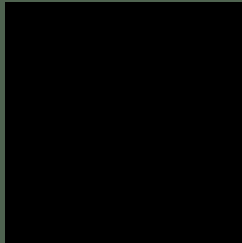
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 14.402, 144.598

Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.402, 144.598.



This preview shows how white text looks on a background with the CIELCh color 40, 14.402, 144.598.

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

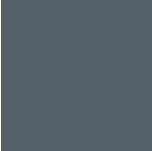
40, 14.402, 144.598

Protanopia

40, 9.952, 95.657

Deuteranopia

40, 9.046, 57.057



Tritanopia
40, 6.938, 243.831

Trichromacy



Original Color
40, 14.402, 144.598

Protanomaly
40, 10.443, 118.295

Deuteranomaly
40, 7.994, 99.397

Tritanomaly
40, 6.228, 187.323

Monochromacy



Original Color
40, 14.402, 144.598

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 5.230, 144.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 14.402, 144.598 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(79, 99, 80)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 80)  
}
```

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(79, 99, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.402, 144.598 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(79, 99, 80) }
```

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

```
.border{ border-color:rgb(79, 99, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 99, 80);  
box-shadow:4px 4px 4px 4px rgb(79, 99, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.402, 144.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 80) }
```

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

```
.background{ background-color: rgb(79, 99,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor