

Converting Colors

CIELCh(40, 10.871, 168.102)

Have a look what the booklet for
CIELCh(40, 10.871, 168.102)
contains.

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Color

CIELCh(40, 10.944, 167.925)

Conversions

Conversions Part 1

Format	Color
Hex	4C635A
RGB	76, 99, 90
RGB Percent	30%, 39%, 35%
CMY	0.7011, 0.6109, 0.6462
CMYK	0.23, 0.00, 0.09, 0.61
HSL	157°, 13%, 34%
HSV	157°, 23%, 39%
XYZ	9.3335, 11.2510, 11.3995
YIQ	91.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

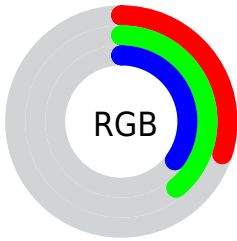
Format	Color
R_{YB}	76, 90, 99
Decimal	5006170
CIE Lab	40.00, -10.70, 2.29
CIE LCh	40, 10.944, 167.925
Yxy	11.2510, 0.2918, 0.3518
Android (android.graphics.Color)	4283196250 (0xFF4C635A)
YUV	91.0970, -0.5408, -13.2401
Hunter-Lab	33.5425, -9.0301, 3.3299

Details

The CIELCh color **40, 10.944, 167.925** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 11.438, 352.061**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 11.153, 167.952**, and **20, 10.492, 170.278** is the 20% darker color. If you saturate the color by 10%, you get **39, 15.507, 166.899**, and if you desaturate by 10%, it is **41, 6.261, 168.871**.

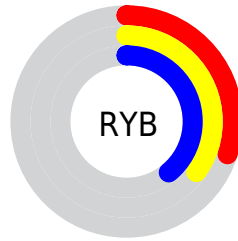
Distribution



Red (30%)

Green (39%)

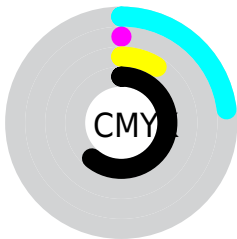
Blue (35%)



Red (30%)

Yellow (35%)

Blue (39%)

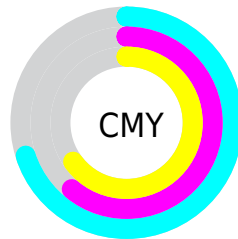


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (61%)



Cyan (70%)


Magenta (61%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.944, 167.925 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, 10.944, 167.925 by changing the saturation by 10% instead.


 40, 10.944,
167.925


 40, 10.944,
167.925


 100, 10.944,
167.925


 30, 10.944,
167.925

 60, 10.944,
167.925


 20, 10.944,
167.925

 70, 10.944,
167.925


 10, 10.944,
167.925

 80, 10.944,
167.925

 0, 10.944, 167.925

 90, 10.944,
167.925

 40, 10.944,

 40, 10.944,

167.925

167.925

■ 39, 15.507,
166.899

■ 41, 6.261, 168.871

■ 39, 19.882,
165.776

■ 42, 1.515, 169.862

■ 43, 3.244, 350.399

■ 38, 24.000,
164.533

■ 44, 7.978, 351.192

■ 38, 27.793,
163.150

■ 45, 12.655,
351.904

■ 37, 31.203,
161.604

■ 46, 17.254,
352.571

■ 37, 34.192,
159.881

■ 47, 21.759,
353.201

■ 37, 36.775,
157.998

■ 49, 26.160,
353.801

■ 37, 38.485,
156.800

■ 50, 30.452,
354.372

Harmonies

Complementary

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



40, 10.944, 167.925



35, 11.438, 352.061

Rectangle

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



40, 10.944, 167.925



40, 10.944, 217.925



40, 10.944, 347.925



40, 10.944, 37.925

Sweetspot

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



40, 10.945, 167.923



54, 4.157, 169.426



40, 15.159, 131.527



28, 2.722, 169.395



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, 10.945, 167.923



51, 16.423, 167.355



40, 8.181, 208.391



20, 2.614, 169.272



41, 42.247, 156.440



84, 75.931, 154.912

Inverse Universe

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



35, 11.438, 352.061



44, 17.353, 352.686



35, 9.490, 29.328



18, 2.660, 350.635



22, 46.173, 9.925



51, 81.239, 13.470

Previews

White Background



This preview shows how the CIELCh color 40, 10.944, 167.925 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 CIE LCh color 40, 10.944, 167.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

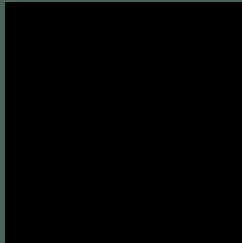
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 10.944, 167.925

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.944, 167.925.



This preview shows how white text looks on a background with the CIELCh color 40, 10.944, 167.925.

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

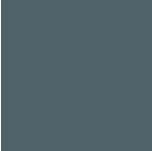
40, 10.944, 167.925

Protanopia

40, 4.436, 92.501

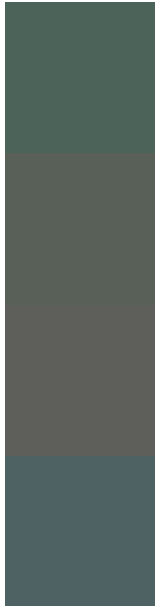
Deuteranopia

40, 5.615, 13.935



Tritanopia
40, 8.334, 234.724

Trichromacy



Original Color
40, 10.944, 167.925

Protanomaly
40, 5.724, 140.645

Deuteranomaly
40, 1.821, 109.875

Tritanomaly
40, 7.902, 207.402

Monochromacy



Original Color
40, 10.944, 167.925

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 3.827, 170.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.944, 167.925 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(76, 99, 90)` looks like.

```
.text, #text, p{  
    color:rgb(76, 99, 90)  
}
```

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(76, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 99, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.944, 167.925 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(76, 99, 90) }
```

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

```
.border{ border-color:rgb(76, 99, 90) }
```

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

Here you see how a box with a 4 pixel rgb(76, 99, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(76, 99, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.944, 167.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 99, 90) }
```

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

```
.background{ background-color: rgb(76, 99,  
90) }
```

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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