

Converting Colors

CIELCh(40, 16.962, 189.719)

Have a look what the booklet for
CIELCh(40, 16.962, 189.719)
contains.

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Color

CIELCh(40, 17.053, 189.040)

Conversions

Conversions Part 1

Format	Color
Hex	386662
RGB	56, 102, 98
RGB Percent	22%, 40%, 38%
CMY	0.7800, 0.5996, 0.6153
CMYK	0.45, 0.00, 0.04, 0.60
HSL	175°, 29%, 31%
HSV	175°, 45%, 40%
XYZ	8.6079, 11.2510, 13.2989
YIQ	87.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

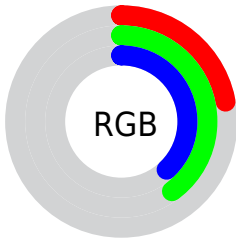
Format	Color
RYB	56, 80, 102
Decimal	3696226
CIELab	40.00, -16.84, -2.68
CIElCh	40, 17.053, 189.040
Yxy	11.2510, 0.2596, 0.3393
Android (android.graphics.Color)	4281886306 (0xFF386662)
YUV	87.7900, 5.0335, -27.8798
Hunter-Lab	33.5425, -12.8913, -0.0275

Details

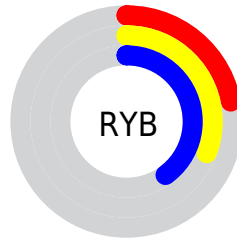
The CIELCh color **40, 17.053, 189.040** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 21.891, 17.199**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 16.947, 190.151**, and **20, 17.003, 189.346** is the 20% darker color. If you saturate the color by 10%, you get **40, 19.964, 188.299**, and if you desaturate by 10%, it is **41, 13.754, 189.762**.

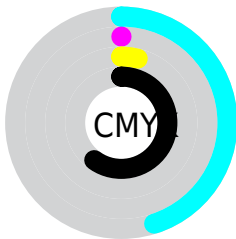
Distribution



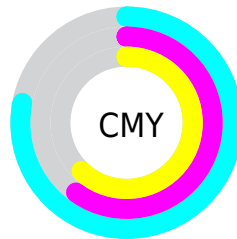
- Red (22%)
- Green (40%)
- Blue (38%)



- Red (22%)
- Yellow (31%)
- Blue (40%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)





- Cyan (78%)
- Magenta (60%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 17.053, 189.040 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, 17.053, 189.040 by changing the saturation by 10% instead.


 40, 17.053,
189.040


 40, 17.053,
189.040


 100, 17.053,
189.040


 30, 17.053,
189.040

 60, 17.053,
189.040


 20, 17.053,
189.040

 70, 17.053,
189.040


 10, 17.053,
189.040

 80, 17.053,
189.040

 0, 17.053, 189.040

 90, 17.053,
189.040

 40, 17.053,

 40, 17.053,

189.040

189.040

■ 40, 19.964,
188.299

■ 41, 13.754,
189.762

■ 39, 22.436,
187.537

■ 41, 10.126,
190.481

■ 39, 24.434,
186.741

■ 42, 6.231, 191.206

■ 39, 25.947,
185.895

■ 43, 2.131, 192.008

■ 44, 2.121, 12.394

■ 38, 27.047,
185.002

■ 45, 6.474, 13.192

■ 38, 27.569,
184.576

■ 46, 10.888, 13.900

■ 47, 15.329, 14.589

■ 48, 19.771, 15.266

Harmonies

Complementary

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



40, 17.053, 189.040



29, 21.891, 17.199

Rectangle

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



40, 17.053, 189.040



40, 17.053, 239.040



40, 17.053, 9.040



40, 17.053, 59.040

Sweetspot

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



40, 17.053, 189.038



54, 7.194, 191.254



39, 32.764, 138.940



27, 4.910, 191.139



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, 17.053, 189.038



51, 24.216, 188.263



34, 14.723, 250.567



21, 2.350, 191.671



43, 29.981, 184.429



86, 52.280, 183.761

Inverse Universe

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



29, 21.891, 17.199



35, 33.207, 19.253



34, 17.996, 59.737



19, 2.456, 12.799



22, 53.746, 33.833



51, 96.939, 37.183

Previews

White Background



This preview shows how the CIE LCh color 40, 17.053, 189.040 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, 17.053, 189.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

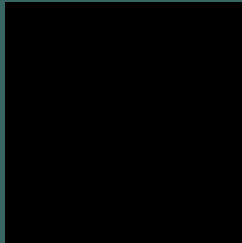
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 17.053, 189.040

Background



This preview shows how black text looks on a background with the CIELCh color 40, 17.053, 189.040.



This preview shows how white text looks on a background with the CIELCh color 40, 17.053, 189.040.

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, 17.053, 189.040

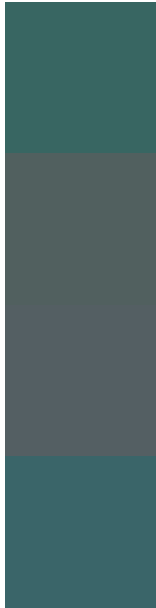
Protanopia
40, 1.267, 19.324

Deuteranopia
40, 6.671, 324.879



Tritanopia
40, 15.307, 216.503

Trichromacy



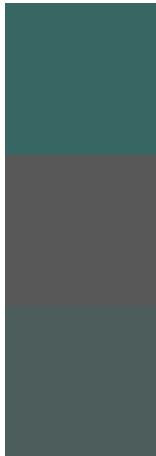
Original Color
40, 17.053, 189.040

Protanomaly
39, 6.109, 192.904

Deuteranomaly
40, 4.983, 228.421

Tritanomaly
40, 15.403, 206.816

Monochromacy



Original Color
40, 17.053, 189.040

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.906, 193.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 17.053, 189.040 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(56, 102, 98)` looks like.

```
.text, #text, p{  
    color:rgb(56, 102, 98)  
}
```

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(56, 102, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 102, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 17.053, 189.040 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(56, 102, 98) }
```

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

```
.border{ border-color:rgb(56, 102, 98) }
```

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

Here you see how a box with a 4 pixel rgb(56, 102, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 102, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 102, 98);  
box-shadow:4px 4px 4px 4px rgb(56, 102,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 17.053, 189.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 102, 98) }
```

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

```
.background{ background-color: rgb(56, 102,  
98) }
```

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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