

Converting Colors

CIELCh(40, 18.500, 177.395)

Have a look what the booklet for
CIELCh(40, 18.500, 177.395)
contains.

CIELCh(40, 18.753, 176.095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(40, 18.753, 176.095)

Conversions

Conversions Part 1

Format	Color
Hex	39675C
RGB	57, 103, 92
RGB Percent	22%, 40%, 36%
CMY	0.7779, 0.5975, 0.6406
CMYK	0.45, 0.00, 0.11, 0.60
HSL	166°, 29%, 31%
HSV	166°, 45%, 40%
XYZ	8.3948, 11.2510, 11.7707
YIQ	87.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

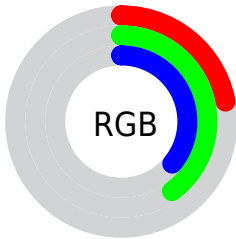
Format	Color
RYB	57, 83, 103
Decimal	3762012
CIELab	40.00, -18.71, 1.28
CIELCh	40, 18.753, 176.095
Yxy	11.2510, 0.2672, 0.3581
Android (android.graphics.Color)	4281952092 (0xFF39675C)
YUV	87.9920, 1.9759, -27.1800
Hunter-Lab	33.5425, -14.0252, 2.6738

Details

The CIELCh color **40, 18.753, 176.095** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 21.969, 5.653**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 18.575, 176.239**, and **20, 19.084, 175.006** is the 20% darker color. If you saturate the color by 10%, you get **39, 22.244, 174.940**, and if you desaturate by 10%, it is **41, 14.934, 177.158**.

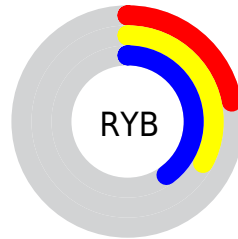
Distribution



Red (22%)

Green (40%)

Blue (36%)



Red (22%)

Yellow (33%)

Blue (40%)

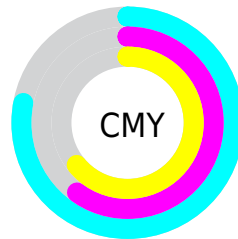


Cyan (45%)

Magenta (0%)

Yellow (11%)

Black (60%)



Cyan (78%)


Magenta (60%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 18.753, 176.095 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, 18.753, 176.095 by changing the saturation by 10% instead.


 40, 18.753,
176.095


 40, 18.753,
176.095


 100, 18.753,
176.095


 30, 18.753,
176.095

 60, 18.753,
176.095


 20, 18.753,
176.095

 70, 18.753,
176.095


 10, 18.753,
176.095

 80, 18.753,
176.095

 0, 18.753, 176.095

 90, 18.753,
176.095

 40, 18.753,

 40, 18.753,

176.095

176.095

■ 39, 22.244,
174.940

■ 41, 14.934,
177.158

■ 39, 25.345,
173.679

■ 41, 10.852,
178.151

■ 39, 28.012,
172.290

■ 42, 6.572, 179.094

■ 38, 30.221,
170.752

■ 43, 2.157, 180.063

■ 44, 2.340, 0.621

■ 38, 32.028,
169.091

■ 45, 6.873, 1.502

■ 38, 32.946,
168.277

■ 46, 11.407, 2.283

■ 47, 15.912, 3.024

■ 49, 20.368, 3.737

Harmonies

Complementary

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



40, 18.753, 176.095



30, 21.969, 5.653

Rectangle

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



40, 18.753, 176.095



40, 18.753, 226.095



40, 18.753, 356.095



40, 18.753, 46.095

Sweetspot

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



40, 18.753, 176.093



54, 7.129, 179.229



40, 31.266, 135.071



27, 4.938, 179.076



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, 18.753, 176.093



51, 26.982, 174.857



37, 13.897, 229.146



21, 2.493, 179.646



43, 35.792, 168.002



86, 63.190, 166.710

Inverse Universe

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



30, 21.969, 5.653



36, 32.872, 7.715



32, 18.603, 44.272



19, 2.567, 1.043



23, 49.384, 23.737



51, 87.914, 27.438

Previews

White Background



This preview shows how the CIELCh color 40, 18.753, 176.095 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, 18.753, 176.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

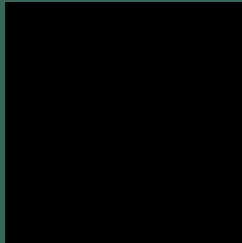
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 18.753, 176.095

Background



This preview shows how black text looks on a background with the CIELCh color 40, 18.753, 176.095.



This preview shows how white text looks on a background with the CIELCh color 40, 18.753, 176.095.

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, 18.753, 176.095

Protanopia

40, 4.436, 92.501

Deuteranopia

40, 5.429, 0.515



Tritanopia
40, 14.488, 217.716

Trichromacy



Original Color
40, 18.753, 176.095

Protanomaly
40, 7.977, 160.725

Deuteranomaly
40, 3.932, 180.852

Tritanomaly
40, 15.227, 199.897

Monochromacy



Original Color
40, 18.753, 176.095

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 7.059, 178.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 18.753, 176.095 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(57, 103, 92)` looks like.

```
.text, #text, p{  
    color:rgb(57, 103, 92)  
}
```

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(57, 103, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 103, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 18.753, 176.095 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(57, 103, 92) }
```

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

```
.border{ border-color:rgb(57, 103, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 103, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 103, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 103, 92);  
box-shadow:4px 4px 4px 4px rgb(57, 103,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 18.753, 176.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 103, 92) }
```

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

```
.background{ background-color: rgb(57, 103,  
92) }
```

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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