

Converting Colors

CIELCh(40, 11.925, 186.365)

Have a look what the booklet for
CIELCh(40, 11.925, 186.365)
contains.

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Color

CIELCh(40, 11.994, 186.127)

Conversions

Conversions Part 1

Format	Color
Hex	466460
RGB	70, 100, 96
RGB Percent	27%, 39%, 38%
CMY	0.7256, 0.6080, 0.6237
CMYK	0.30, 0.00, 0.04, 0.61
HSL	172°, 18%, 33%
HSV	172°, 30%, 39%
XYZ	9.1857, 11.2510, 12.7442
YIQ	90.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

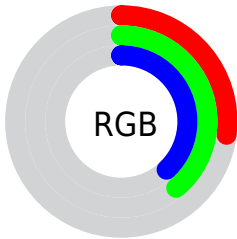
Format	Color
R_{YB}	70, 86, 100
Decimal	4613216
CIE Lab	40.00, -11.93, -1.28
CIE LCh	40, 11.994, 186.127
Yxy	11.2510, 0.2768, 0.3391
Android (android.graphics.Color)	4282803296 (0xFF466460)
YUV	90.5740, 2.6750, -18.0434
Hunter-Lab	33.5425, -9.8164, 0.9530

Details

The CIELCh color **40, 11.994, 186.127** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 13.808, 11.395**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 12.233, 184.889**, and **20, 11.904, 187.192** is the 20% darker color. If you saturate the color by 10%, you get **39, 15.530, 185.279**, and if you desaturate by 10%, it is **41, 8.188, 186.945**.

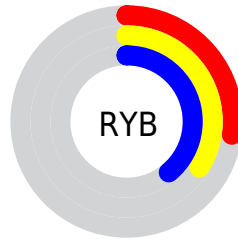
Distribution



Red (27%)

Green (39%)

Blue (38%)



Red (27%)

Yellow (34%)

Blue (39%)

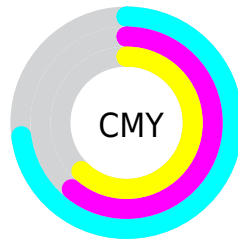


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (61%)



Cyan (73%)


Magenta (61%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 11.994, 186.127 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, 11.994, 186.127 by changing the saturation by 10% instead.


 40, 11.994,
186.127


 40, 11.994,
186.127


 100, 11.994,
186.127


 30, 11.994,
186.127

 60, 11.994,
186.127


 20, 11.994,
186.127

 70, 11.994,
186.127


 10, 11.994,
186.127

 80, 11.994,
186.127

 0, 11.994, 186.127

 90, 11.994,
186.127

 40, 11.994,

 40, 11.994,

186.127

186.127

■ 39, 15.530,
185.279

■ 41, 8.188, 186.945

■ 39, 18.734,
184.398

■ 41, 4.171, 187.768

■ 42, 0.006, 254.533

■ 38, 21.548,
183.468

■ 43, 4.269, 9.131

■ 38, 23.926,
182.475

■ 44, 8.600, 9.902

■ 45, 12.955, 10.633

■ 38, 25.841,
181.402

■ 47, 17.308, 11.343

■ 38, 27.290,
180.232

■ 48, 21.637, 12.036

■ 37, 28.532,
179.062

■ 49, 25.925, 12.711

Harmonies

Complementary

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



40, 11.994, 186.127



33, 13.808, 11.395

Rectangle

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



40, 11.994, 186.127



40, 11.994, 236.127



40, 11.994, 6.127



40, 11.994, 56.127

Sweetspot

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



40, 11.994, 186.124



53, 4.661, 187.832



40, 21.272, 138.728



27, 3.259, 187.739



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, 11.994, 186.124



51, 17.510, 185.532



37, 9.677, 241.094



21, 2.383, 187.859



43, 31.533, 178.818



86, 55.195, 177.893

Inverse Universe

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



33, 13.808, 11.395



41, 20.913, 12.369



36, 11.226, 55.450



19, 2.479, 9.108



23, 52.527, 31.528



51, 94.304, 34.844

Previews

White Background



This preview shows how the CIELCh color 40, 11.994, 186.127 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, 11.994, 186.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

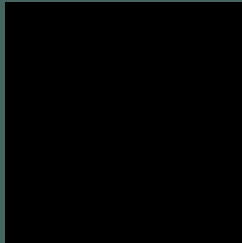
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 11.994, 186.127

Background



This preview shows how black text looks on a background with the CIELCh color 40, 11.994, 186.127.



This preview shows how white text looks on a background with the CIELCh color 40, 11.994, 186.127.

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, 11.994, 186.127

Protanopia

40, 1.471, 74.805

Deuteranopia

40, 5.999, 334.884



Tritanopia
40, 10.716, 225.636

Trichromacy



Original Color
40, 11.994, 186.127

Protanomaly
40, 4.177, 172.959

Deuteranomaly
40, 2.437, 248.189

Tritanomaly
40, 10.731, 208.034

Monochromacy



Original Color
40, 11.994, 186.127

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 4.562, 191.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 11.994, 186.127 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(70, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(70, 100, 96)  
}
```

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(70, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 100, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 11.994, 186.127 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(70, 100, 96) }
```

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

```
.border{ border-color:rgb(70, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(70, 100,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 11.994, 186.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 100, 96) }
```

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

```
.background{ background-color: rgb(70, 100,  
96) }
```

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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