

Converting Colors

CIELCh(40, 16.636, 293.026)

Have a look what the booklet for
CIELCh(40, 16.636, 293.026)
contains.

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Color

CIELCh(40, 16.485, 292.655)

Conversions

Conversions Part 1

Format	Color
Hex	5C5C77
RGB	92, 92, 119
RGB Percent	36%, 36%, 47%
CMY	0.6394, 0.6394, 0.5335
CMYK	0.23, 0.23, 0.00, 0.53
HSL	240°, 13%, 41%
HSV	240°, 23%, 47%
XYZ	11.5600, 11.2510, 19.0014
YIQ	95.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

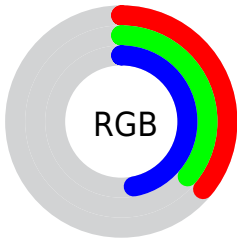
Format	Color
RYB	92, 92, 119
Decimal	6052983
CIELab	40.00, 6.35, -15.21
CIElCh	40, 16.485, 292.655
Yxy	11.2510, 0.2765, 0.2691
Android (android.graphics.Color)	4284243063 (0xFF5C5C77)
YUV	95.0780, 11.7935, -2.6994
Hunter-Lab	33.5425, 2.8187, -10.1073

Details

The CIELCh color $40, 16.485, 292.655$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49, 15.675, 108.084$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 16.416, 293.258$, and $20, 17.040, 292.809$ is the 20% darker color. If you saturate the color by 10%, you get $36, 24.232, 294.056$, and if you desaturate by 10%, it is $44, 9.043, 291.456$.

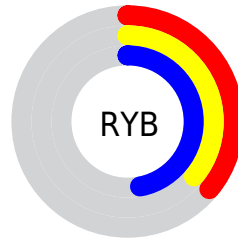
Distribution



Red (36%)

Green (36%)

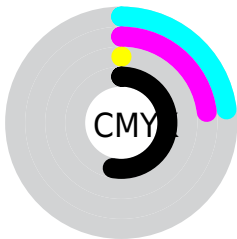
Blue (47%)



Red (36%)

Yellow (36%)

Blue (47%)

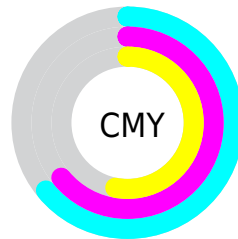


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (53%)



Cyan (64%)


Magenta (64%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.485, 292.655 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, 16.485, 292.655 by changing the saturation by 10% instead.


 40, 16.485,
292.655


 40, 16.485,
292.655


 100, 16.485,
292.655


 30, 16.485,
292.655

 60, 16.485,
292.655


 20, 16.485,
292.655

 70, 16.485,
292.655


 10, 16.485,
292.655

 80, 16.485,
292.655

 0, 16.485, 292.655

 90, 16.485,
292.655

 40, 16.485,

 40, 16.485,

292.655

36, 24.232,
294.056

31, 32.299,
295.681

27, 40.671,
297.532

23, 49.256,
299.571

19, 57.783,
301.688

16, 65.655,
303.673

13, 71.889,
305.235

11, 76.154,
306.286

292.655

44, 9.043, 291.456

49, 1.889, 290.449

53, 5.000, 109.542

58, 11.643,
108.797

62, 18.057,
108.154

66, 24.258,
107.598

70, 30.258,
107.116

75, 36.072,
106.697

79, 41.709,

Harmonies

Complementary

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



40, 16.485, 292.655



49, 15.675, 108.084

Rectangle

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



40, 16.485, 292.655



40, 16.485, 342.655



40, 16.485, 112.655



40, 16.485, 162.655

Sweetspot

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



40, 16.484, 292.654



60, 6.148, 290.874



48, 10.264, 196.818



31, 4.029, 290.916



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



40, 16.484, 292.654



49, 24.672, 293.327



41, 17.237, 309.522



22, 3.936, 291.062



12, 77.728, 306.286



32, 131.781, 306.287

Inverse Universe

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



42, 11.810, 20.988



52, 17.822, 21.487



48, 16.716, 127.486



23, 2.751, 19.861



24, 59.041, 37.987



52, 102.985, 39.999

Previews

White Background



This preview shows how the CIE LCh color 40, 16.485, 292.655 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, 16.485, 292.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

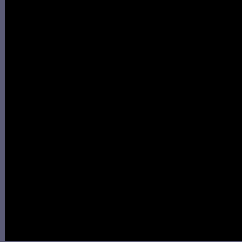
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 16.485, 292.655

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.485, 292.655.



This preview shows how white text looks on a background with the CIELCh color 40, 16.485, 292.655.

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, 16.485, 292.655

Protanopia

40, 16.556, 285.025

Deuteranopia

40, 16.483, 291.366



Tritanopia
40, 4.849, 261.128

Trichromacy



Original Color
40, 16.485, 292.655

Protanomaly
40, 16.493, 287.520

Deuteranomaly
40, 16.483, 291.366

Tritanomaly
40, 8.643, 281.056

Monochromacy



Original Color
40, 16.485, 292.655

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 6.096, 291.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.485, 292.655 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(92, 92, 119)` looks like.

```
.text, #text, p{  
    color:rgb(92, 92, 119)  
}
```

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(92, 92, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 92, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.485, 292.655 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(92, 92, 119) }
```

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

```
.border{ border-color:rgb(92, 92, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 92, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 92, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 92, 119);  
box-shadow:4px 4px 4px 4px rgb(92, 92,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.485, 292.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 92, 119) }
```

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

```
.background{ background-color: rgb(92, 92,  
119) }
```

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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