

Converting Colors

CIELCh(40, 16.117, 324.469)

Have a look what the booklet for
CIELCh(40, 16.117, 324.469)
contains.

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Color

CIELCh(40, 16.627, 324.292)

Conversions

Conversions Part 1

Format	Color
Hex	6D576E
RGB	109, 87, 110
RGB Percent	43%, 34%, 43%
CMY	0.5716, 0.6579, 0.5677
CMYK	0.01, 0.21, 0.00, 0.57
HSL	297°, 12%, 39%
HSV	297°, 21%, 43%
XYZ	12.5904, 11.2510, 16.3280
YIQ	96.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

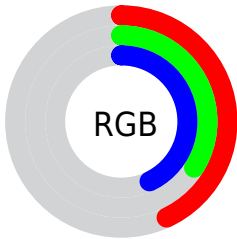
Format	Color
R_{YB}	109, 87, 110
Decimal	7165806
CIE Lab	40.00, 13.50, -9.70
CIE LCh	40, 16.627, 324.292
Yxy	11.2510, 0.3134, 0.2801
Android (android.graphics.Color)	4285355886 (0xFF6D576E)
YUV	96.2000, 6.8034, 11.2256
Hunter-Lab	33.5425, 8.3017, -5.3818

Details

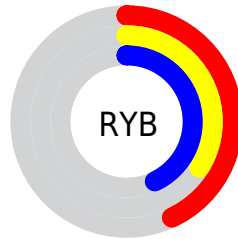
The CIELCh color $40, 16.627, 324.292$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 16.587, 142.095$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 16.841, 324.147$, and $20, 16.723, 324.667$ is the 20% darker color. If you saturate the color by 10%, you get $37, 24.591, 324.776$, and if you desaturate by 10%, it is $43, 8.623, 323.793$.

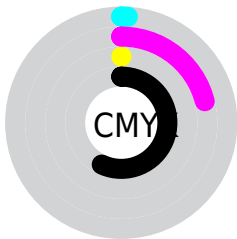
Distribution



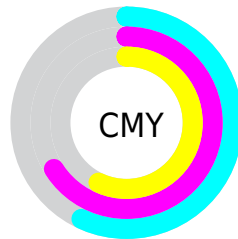
- Red (43%)
- Green (34%)
- Blue (43%)



- Red (43%)
- Yellow (34%)
- Blue (43%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (57%)





- Cyan (57%)
- Magenta (66%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.627, 324.292 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, 16.627, 324.292 by changing the saturation by 10% instead.


 40, 16.627,
324.292


 40, 16.627,
324.292


 100, 16.627,
324.292


 30, 16.627,
324.292

 60, 16.627,
324.292


 20, 16.627,
324.292


 70, 16.627,
324.292


 10, 16.627,
324.292

 80, 16.627,
324.292

 0, 16.627, 324.292

 90, 16.627,
324.292

 40, 16.627,

 40, 16.627,

324.292

37, 24.591,
324.776

34, 32.368,
325.234

32, 39.752,
325.652

29, 46.489,
326.012

28, 52.295,
326.295

26, 56.899,
326.485

25, 60.107,
326.569

24, 62.427,
326.604

324.292

43, 8.623, 323.793

46, 0.690, 323.089

49, 7.104, 142.864

53, 14.715,
142.388

56, 22.121,
141.940

59, 29.310,
141.517

63, 36.282,
141.119

66, 43.041,
140.746

69, 49.594,

Harmonies

Complementary

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



40, 16.627, 324.292



44, 16.587, 142.095

Rectangle

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



40, 16.627, 324.292



40, 16.627, 14.292



40, 16.627, 144.292



40, 16.627, 194.292

Sweetspot

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



40, 16.626, 324.292



57, 5.869, 323.547



38, 13.446, 290.403



29, 3.867, 323.571



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 16.626, 324.292



50, 24.640, 324.526



40, 12.342, 342.679



22, 4.522, 323.698



27, 66.263, 326.589



57, 113.185, 326.496

Inverse Universe

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



39, 10.100, 17.393



49, 15.203, 17.889



44, 12.107, 159.397



22, 2.651, 16.334



24, 56.832, 36.067



52, 100.516, 38.783

Previews

White Background



This preview shows how the CIELCh color 40, 16.627, 324.292 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, 16.627, 324.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

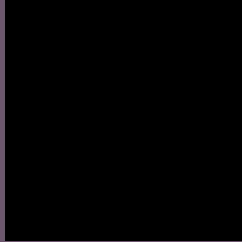
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 16.627, 324.292

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.627, 324.292.



This preview shows how white text looks on a background with the CIELCh color 40, 16.627, 324.292.

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, 16.627, 324.292

Protanopia

40, 12.244, 284.875

Deuteranopia

40, 10.531, 300.369



Tritanopia
40, 8.362, 350.056

Trichromacy



Original Color
40, 16.627, 324.292

Protanomaly
40, 12.999, 300.696

Deuteranomaly
40, 12.468, 312.483

Tritanomaly
40, 11.195, 336.087

Monochromacy



Original Color
40, 16.627, 324.292

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 5.916, 324.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.627, 324.292 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(109, 87, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 87, 110)  
}
```

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(109, 87, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 87, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.627, 324.292 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(109, 87, 110) }
```

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

```
.border{ border-color:rgb(109, 87, 110) }
```

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

Here you see how a box with a 4 pixel rgb(109, 87, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 87, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 87, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 87,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.627, 324.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 87, 110) }
```

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

```
.background{ background-color: rgb(109, 87,  
110) }
```

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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