

Converting Colors

CIELCh(40, 50.239, 331.314)

Have a look what the booklet for
CIELCh(40, 50.239, 331.314)
contains.

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Color

CIELCh(40, 49.997, 331.262)

Conversions

Conversions Part 1

Format	Color
Hex	903F86
RGB	144, 63, 134
RGB Percent	56%, 25%, 53%
CMY	0.4345, 0.7522, 0.4737
CMYK	0.00, 0.56, 0.07, 0.43
HSL	307°, 39%, 41%
HSV	307°, 56%, 57%
XYZ	17.6425, 11.2510, 23.8677
YIQ	95.3130, 25.4850, 39.2530

Conversions

Conversions Part 2

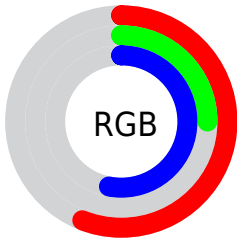
Format	Color
RYB	144, 63, 134
Decimal	9453446
CIELab	40.00, 43.84, -24.04
CIElCh	40, 49.997, 331.262
Yxy	11.2510, 0.3344, 0.2132
Android (android.graphics.Color)	4287643526 (0xFF903F86)
YUV	95.3130, 19.0727, 42.6985
Hunter-Lab	33.5425, 35.1871, -18.7090

Details

The CIELCh color $40, 49.997, 331.262$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $54, 50.466, 143.119$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 49.679, 331.560$, and $20, 49.994, 331.298$ is the 20% darker color. If you saturate the color by 10%, you get $37, 56.908, 331.830$, and if you desaturate by 10%, it is $43, 42.006, 330.682$.

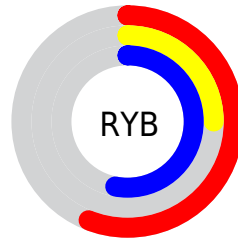
Distribution



Red (56%)

Green (25%)

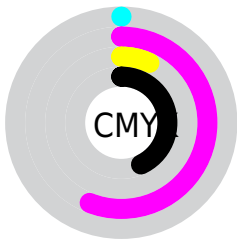
Blue (53%)



Red (56%)

Yellow (25%)

Blue (53%)

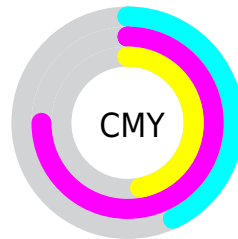


Cyan (0%)

Magenta (56%)

Yellow (7%)

Black (43%)



Cyan (43%)


Magenta (75%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 49.997, 331.262 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, 49.997, 331.262 by changing the saturation by 10% instead.


 40, 49.997,
331.262


 40, 49.997,
331.262


 100, 49.997,
331.262

 30, 49.997,
331.262

 60, 49.997,
331.262


 20, 49.997,
331.262

 70, 49.997,
331.262

 10, 49.997,
331.262

 80, 49.997,
331.262

 0, 49.997, 331.262

 90, 49.997,
331.262

 40, 49.997,

 40, 49.997,

331.262

37, 56.908,
331.830

35, 62.379,
332.388

34, 66.120,
332.944

33, 68.119,
333.512

33, 68.738,
333.729

331.262

43, 42.006,
330.682

46, 33.304,
330.094

50, 24.199,
329.501

54, 14.930,
328.910

57, 5.670, 328.309

61, 3.468, 147.853

65, 12.412,
147.265

70, 21.122,
146.738

■ 74, 29.578,
146.240

Harmonies

Complementary

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



40, 49.997, 331.262



54, 50.466, 143.119

Rectangle

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



40, 49.997, 331.262



40, 49.997, 21.262



40, 49.997, 151.262



40, 49.997, 201.262

Sweetspot

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



40, 49.995, 331.262



68, 19.549, 328.980



32, 51.100, 301.189



35, 13.040, 329.083



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



40, 49.995, 331.262



49, 71.058, 331.957



38, 37.705, 357.595



28, 5.151, 328.493



31, 65.608, 333.692



1, 3.459, 327.996

Inverse Universe

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



40, 49.995, 331.262



49, 71.058, 331.957



54, 33.778, 164.327



28, 5.151, 328.493



31, 65.608, 333.692



1, 3.459, 327.996

Previews

White Background



This preview shows how the CIELCh color 40, 49.997, 331.262 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, 49.997, 331.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

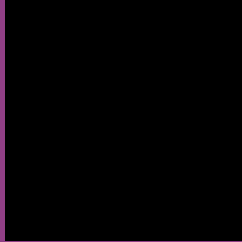
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 49.997, 331.262

Background



This preview shows how black text looks on a background with the CIELCh color 40, 49.997, 331.262.



This preview shows how white text looks on a background with the CIELCh color 40, 49.997, 331.262.

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





Tritanopia
40, 28.009, 16.696

Trichromacy



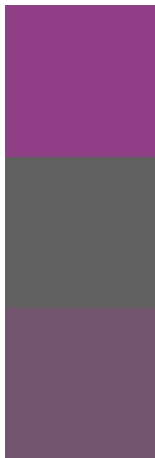
Original Color
40, 49.997, 331.262

Protanomaly
39, 41.873, 301.783

Deuteranomaly
39, 30.696, 310.815

Tritanomaly
40, 33.218, 352.825

Monochromacy



Original Color
40, 49.997, 331.262

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 19.931, 329.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 49.997, 331.262 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(144, 63, 134)` looks like.

```
.text, #text, p{  
    color:rgb(144, 63, 134)  
}
```

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(144, 63, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 63, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 49.997, 331.262 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(144, 63, 134) }
```

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

```
.border{ border-color:rgb(144, 63, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 63, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 63, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 63, 134);  
box-shadow:4px 4px 4px 4px rgb(144, 63,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 49.997, 331.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 63, 134) }
```

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

```
.background{ background-color: rgb(144, 63,  
134) }
```

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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