

Converting Colors

CIELCh(40, 65.164, 327.636)

Have a look what the booklet for
CIELCh(40, 65.164, 327.636)
contains.

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Color

CIELCh(40, 65.118, 327.635)

Conversions

Conversions Part 1

Format	Color
Hex	983298
RGB	152, 50, 152
RGB Percent	60%, 20%, 60%
CMY	0.4034, 0.8034, 0.4034
CMYK	0.00, 0.67, 0.00, 0.40
HSL	300°, 50%, 40%
HSV	300°, 67%, 60%
XYZ	19.7962, 11.2510, 30.8856
YIQ	92.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

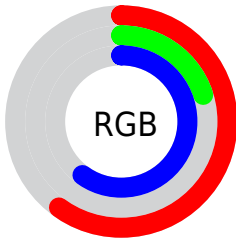
Format	Color
RYB	152, 50, 152
Decimal	9974424
CIELab	40.00, 55.00, -34.86
CIElCh	40, 65.118, 327.635
Yxy	11.2510, 0.3196, 0.1817
Android (android.graphics.Color)	4288164504 (0xFF983298)
YUV	92.1260, 29.5179, 52.5095
Hunter-Lab	33.5425, 46.6484, -31.1140

Details

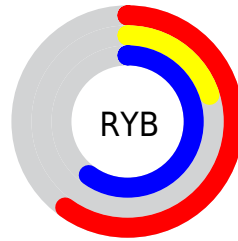
The CIELCh color **40, 65.118, 327.635** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 66.063, 138.606**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 65.061, 327.590**, and **22, 58.233, 327.117** is the 20% darker color. If you saturate the color by 10%, you get **38, 71.225, 327.911**, and if you desaturate by 10%, it is **42, 57.409, 327.280**.

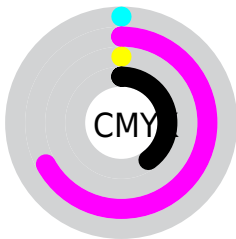
Distribution



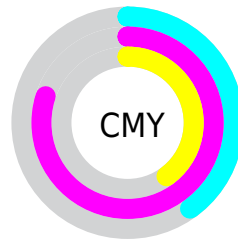
- Red (60%)
- Green (20%)
- Blue (60%)



- Red (60%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)





- Cyan (40%)
- Magenta (80%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 65.118, 327.635 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, 65.118, 327.635 by changing the saturation by 10% instead.


 40, 65.118,
327.635


 40, 65.118,
327.635


 100, 65.118,
327.635


 30, 65.118,
327.635

 60, 65.118,
327.635


 20, 65.118,
327.635

 70, 65.118,
327.635


 10, 65.118,
327.635

 80, 65.118,
327.635

 0, 65.118, 327.635

 90, 65.118,
327.635

 40, 65.118,

 40, 65.118,

327.635

■ 38, 71.225,
327.911

■ 37, 75.481,
328.099

■ 36, 77.961,
328.208

■ 36, 78.593,
328.235

327.635

■ 42, 57.409,
327.280

■ 45, 48.471,
326.858

■ 49, 38.687,
326.384

■ 52, 28.401,
325.875

■ 56, 17.891,
325.343

■ 60, 7.360, 324.791

■ 64, 3.052, 144.358

■ 68, 13.252,
143.785

■ 73, 23.187,
143.277

Harmonies

Complementary

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



40, 65.118, 327.635



55, 66.063, 138.606

Rectangle

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



40, 65.118, 327.635



40, 65.118, 17.635



40, 65.118, 147.635



40, 65.118, 197.635

Sweetspot

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



40, 65.116, 327.635



70, 26.139, 325.523



27, 64.946, 300.828



35, 17.790, 325.660



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



40, 65.116, 327.635



49, 89.523, 328.008



38, 47.797, 351.734



30, 5.940, 324.915



33, 74.065, 328.235



1, 6.386, 324.441

Inverse Universe

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



40, 65.116, 327.635



49, 89.523, 328.008



56, 45.422, 155.981



30, 5.940, 324.915



33, 74.065, 328.235



1, 6.386, 324.441

Previews

White Background



This preview shows how the CIELCh color 40, 65.118, 327.635 looks on a white background.

Color Contrast Check

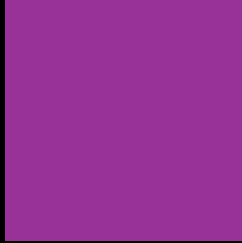
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.118, 327.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

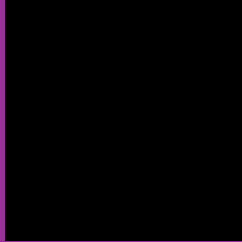
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 65.118, 327.635

Background



This preview shows how black text looks on a background with the CIELCh color 40, 65.118, 327.635.

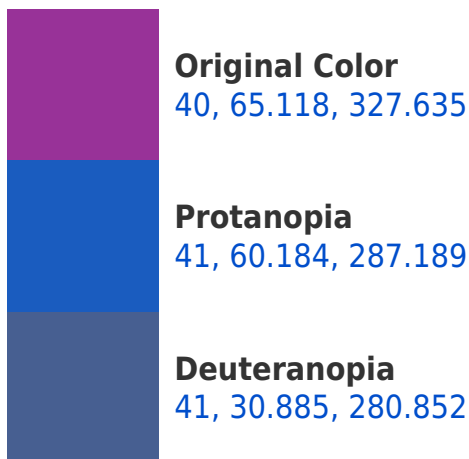


This preview shows how white text looks on a background with the CIELCh color 40, 65.118, 327.635.

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](#).

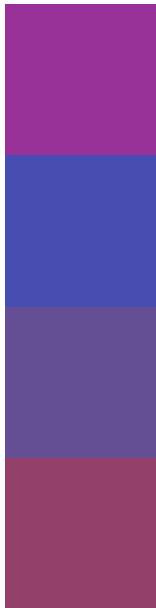
Dichromacy





Tritanopia
40, 32.193, 18.511

Trichromacy



Original Color
40, 65.118, 327.635

Protanomaly
38, 61.085, 297.648

Deuteranomaly
39, 42.908, 305.749

Tritanomaly
40, 39.959, 349.695

Monochromacy



Original Color
40, 65.118, 327.635

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 26.866, 326.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 65.118, 327.635 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(152, 50, 152)` looks like.

```
.text, #text, p{  
    color:rgb(152, 50, 152)  
}
```

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(152, 50, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 50, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 65.118, 327.635 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(152, 50, 152) }
```

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

```
.border{ border-color:rgb(152, 50, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 50, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 50, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 50, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 50,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 65.118, 327.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 50, 152) }
```

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

```
.background{ background-color: rgb(152, 50,  
152) }
```

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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