

Converting Colors

CIELCh(40, 65.632, 327.278)

Have a look what the booklet for
CIELCh(40, 65.632, 327.278)
contains.

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Color

CIELCh(40, 65.545, 327.334)

Conversions

Conversions Part 1

Format	Color
Hex	983299
RGB	152, 50, 153
RGB Percent	60%, 20%, 60%
CMY	0.4040, 0.8040, 0.4001
CMYK	0.01, 0.67, 0.00, 0.40
HSL	299°, 51%, 40%
HSV	299°, 67%, 60%
XYZ	19.8314, 11.2510, 31.2530
YIQ	92.2400, 27.7290, 53.6570

Conversions

Conversions Part 2

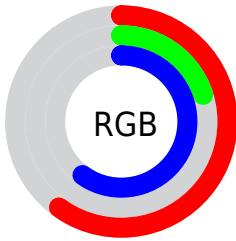
Format	Color
R_{YB}	152, 50, 153
Decimal	9974425
CIE _{Lab}	40.00, 55.18, -35.38
CIE _{LCh}	40, 65.545, 327.334
Yxy	11.2510, 0.3181, 0.1805
Android (android.graphics.Color)	4288164505 (0xFF983299)
YUV	92.2400, 29.9547, 52.4095
Hunter-Lab	33.5425, 46.8357, -31.7633

Details

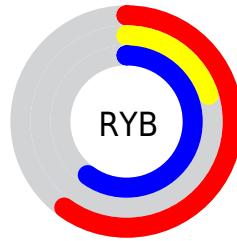
The CIELCh color $40, 65.545, 327.334$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $56, 66.440, 138.425$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 65.477, 327.306$, and $22, 58.671, 326.761$ is the 20% darker color. If you saturate the color by 10%, you get $38, 71.655, 327.592$, and if you desaturate by 10%, it is $42, 57.823, 326.992$.

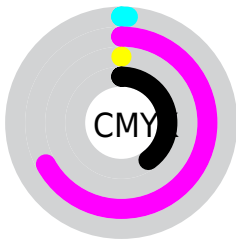
Distribution



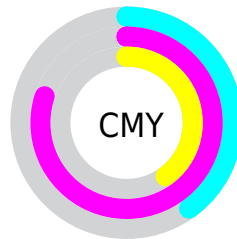
- Red (60%)
- Green (20%)
- Blue (60%)



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



- Cyan (1%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 65.545, 327.334 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, 65.545, 327.334 by changing the saturation by 10% instead.


 40, 65.545,
327.334


 40, 65.545,
327.334


 100, 65.545,
327.334


 30, 65.545,
327.334

 60, 65.545,
327.334


 20, 65.545,
327.334

 70, 65.545,
327.334


 10, 65.545,
327.334

 80, 65.545,
327.334

 0, 65.545, 327.334

 90, 65.545,
327.334

 40, 65.545,

 40, 65.545,

327.334

327.334

■ 38, 71.655,
327.592

■ 42, 57.823,
326.992

■ 37, 75.899,
327.757

■ 45, 48.866,
326.581

■ 36, 78.373,
327.837

■ 49, 39.061,
326.115

■ 36, 78.949,
327.854

■ 52, 28.754,
325.613

■ 56, 18.223,
325.088

■ 60, 7.671, 324.544

■ 64, 2.761, 144.122

■ 69, 12.982,
143.549

■ 73, 22.939,
143.047

Harmonies

Complementary

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



40, 65.545, 327.334



56, 66.440, 138.425

Rectangle

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



40, 65.545, 327.334



40, 65.545, 17.334



40, 65.545, 147.334



40, 65.545, 197.334

Sweetspot

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



40, 65.543, 327.334



70, 26.066, 325.251



28, 64.413, 300.371



35, 17.742, 325.386



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, 65.543, 327.334



49, 90.037, 327.690



38, 48.524, 350.674



30, 5.922, 324.650



33, 74.097, 327.857



1, 6.363, 324.145

Inverse Universe

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



37, 48.901, 28.495



44, 73.436, 33.646



56, 46.484, 155.087



30, 3.438, 19.109



28, 65.786, 38.667



1, 3.596, 18.609

Previews

White Background



This preview shows how the CIELCh color 40, 65.545, 327.334 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, 65.545, 327.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

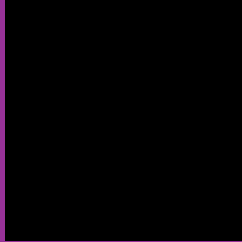
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 65.545, 327.334

Background



This preview shows how black text looks on a background with the CIELCh color 40, 65.545, 327.334.

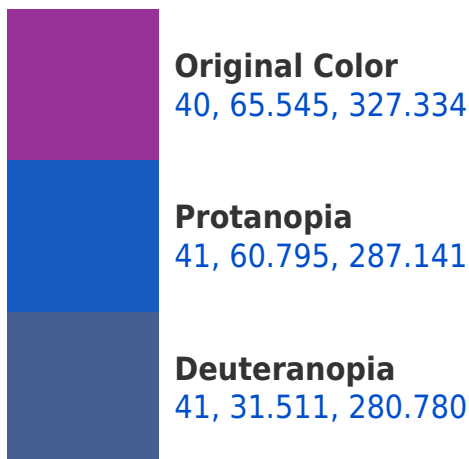


This preview shows how white text looks on a background with the CIELCh color 40, 65.545, 327.334.

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, 31.323, 19.192

Trichromacy



Original Color
40, 65.545, 327.334

Protanomaly
37, 61.714, 297.129

Deuteranomaly
39, 43.454, 305.211

Tritanomaly
39, 39.670, 349.255

Monochromacy



Original Color
40, 65.545, 327.334

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, 65.545, 327.334 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 50, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 50, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 65.545, 327.334 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, 153) }
```

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

```
.border{ border-color:rgb(152, 50, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 50, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 50, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 50,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 65.545, 327.334 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, 153) }
```

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

```
.background{ background-color: rgb(152, 50,  
153) }
```

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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