

Converting Colors

CIELCh(40, 88.264, 323.267)

Have a look what the booklet for
CIELCh(40, 88.264, 323.267)
contains.

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Color

CIELCh(40, 88.078, 323.359)

Conversions

Conversions Part 1

Format	Color
Hex	A012B6
RGB	160, 18, 182
RGB Percent	63%, 7%, 71%
CMY	0.3732, 0.9306, 0.2869
CMYK	0.12, 0.90, 0.00, 0.29
HSL	292°, 82%, 39%
HSV	292°, 90%, 71%
XYZ	23.1052, 11.2510, 45.1282
YIQ	79.1540, 31.9880, 81.1080

Conversions

Conversions Part 2

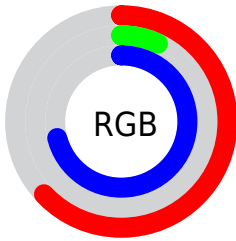
Format	Color
RYB	160, 18, 182
Decimal	10490550
CIELab	40.00, 70.67, -52.56
CIElCh	40, 88.078, 323.359
Yxy	11.2510, 0.2907, 0.1415
Android (android.graphics.Color)	4288680630 (0xFFA012B6)
YUV	79.1540, 50.7031, 70.9019
Hunter-Lab	33.5425, 64.2578, -56.2893

Details

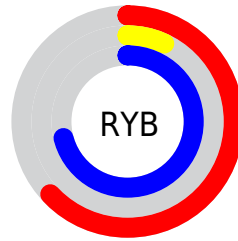
The CIELCh color **40, 88.078, 323.359** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **65, 88.985, 135.275**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 88.185, 323.397**, and **25, 70.539, 321.079** is the 20% darker color. If you saturate the color by 10%, you get **39, 90.581, 323.089**, and if you desaturate by 10%, it is **42, 83.588, 323.489**.

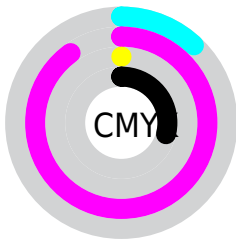
Distribution



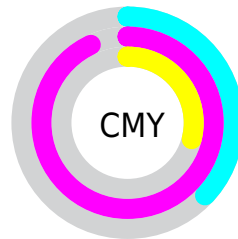
- Red (63%)
- Green (7%)
- Blue (71%)



- Red (63%)
- Yellow (7%)
- Blue (71%)



- Cyan (12%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)




- Cyan (37%)
- Magenta (93%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 88.078, 323.359 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, 88.078, 323.359 by changing the saturation by 10% instead.

 40, 88.078,
323.359


 40, 88.078,
323.359


 100, 88.078,
323.359


 30, 88.078,
323.359

 60, 88.078,
323.359


 20, 88.078,
323.359


 70, 88.078,
323.359

 10, 88.078,
323.359

 80, 88.078,
323.359

 0, 88.078, 323.359

 90, 88.078,
323.359

 40, 88.078,

 40, 88.078,

323.359

323.359

■ 39, 90.581,
323.089

■ 42, 83.588,
323.489

■ 44, 76.837,
323.445

■ 47, 68.174,
323.256

■ 51, 58.084,
322.954

■ 55, 47.054,
322.573

■ 59, 35.495,
322.140

■ 64, 23.719,
321.679

■ 69, 11.947,
321.204

Harmonies

Complementary

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



40, 88.078, 323.359



65, 88.985, 135.275

Rectangle

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



40, 88.078, 323.359



40, 88.078, 13.359



40, 88.078, 143.359



40, 88.078, 193.359

Sweetspot

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



40, 88.076, 323.359



78, 39.275, 322.013



27, 87.099, 301.728



39, 26.681, 322.166



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



40, 88.076, 323.359



51, 110.548, 323.005



41, 68.720, 346.499



36, 6.635, 321.159



33, 80.699, 323.148



3, 17.676, 319.058

Inverse Universe

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



39, 69.710, 29.393



50, 92.699, 34.747



65, 74.458, 144.749



36, 4.059, 9.147



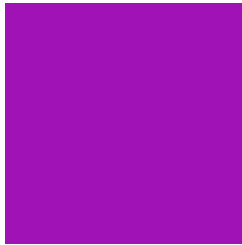
32, 66.611, 33.244



2, 10.766, 11.310

Previews

White Background



This preview shows how the CIELCh color 40, 88.078, 323.359 looks on a white background.

Color Contrast Check

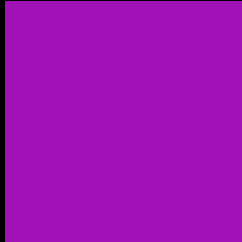
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.078, 323.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

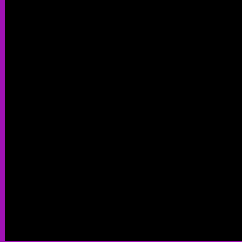
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 88.078, 323.359

Background



This preview shows how black text looks on a background with the CIELCh color 40, 88.078, 323.359.



This preview shows how white text looks on a background with the CIELCh color 40, 88.078, 323.359.

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, 88.078, 323.359

Protanopia

41, 62.650, 286.892

Deuteranopia

41, 46.154, 277.699



Tritanopia
40, 33.620, 20.009

Trichromacy



Original Color
40, 88.078, 323.359

Protanomaly
35, 76.566, 299.921

Deuteranomaly
35, 65.868, 300.246

Tritanomaly
39, 50.214, 342.968

Monochromacy



Original Color
40, 88.078, 323.359

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 40.761, 322.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 88.078, 323.359 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(160, 18, 182)` looks like.

```
.text, #text, p{  
    color:rgb(160, 18, 182)  
}
```

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(160, 18, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 18, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 88.078, 323.359 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(160, 18, 182) }
```

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

```
.border{ border-color:rgb(160, 18, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 18, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 18, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 18, 182);  
box-shadow:4px 4px 4px 4px rgb(160, 18,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 88.078, 323.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 18, 182) }
```

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

```
.background{ background-color: rgb(160, 18,  
182) }
```

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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