

Converting Colors

CIELCh(40, 52.708, 325.828)

Have a look what the booklet for
CIELCh(40, 52.708, 325.828)
contains.

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Color

CIELCh(40, 52.843, 326.037)

Conversions

Conversions Part 1

Format	Color
Hex	8C408F
RGB	140, 64, 143
RGB Percent	55%, 25%, 56%
CMY	0.4505, 0.7486, 0.4388
CMYK	0.02, 0.55, 0.00, 0.44
HSL	298°, 38%, 41%
HSV	298°, 55%, 56%
XYZ	17.6405, 11.2510, 27.2731
YIQ	95.7300, 19.9370, 40.6810

Conversions

Conversions Part 2

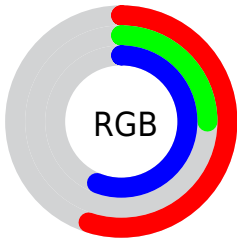
Format	Color
R _Y B	140, 64, 143
Decimal	9191567
CIE Lab	40.00, 43.83, -29.52
CIE LCh	40, 52.843, 326.037
Yxy	11.2510, 0.3141, 0.2003
Android (android.graphics.Color)	4287381647 (0xFF8C408F)
YUV	95.7300, 23.3041, 38.8248
Hunter-Lab	33.5425, 35.1764, -24.7285

Details

The CIELCh color `40, 52.843, 326.037` is a dark color, and the websafe version is hex `993399`. A complement of this color would be `53, 53.011, 139.233`, and the grayscale version is `41, 0.006, 296.813`.

A 20% lighter version of the original color is `60, 52.432, 325.893`, and `20, 52.629, 326.006` is the 20% darker color. If you saturate the color by 10%, you get `37, 60.533, 326.367`, and if you desaturate by 10%, it is `43, 44.112, 325.635`.

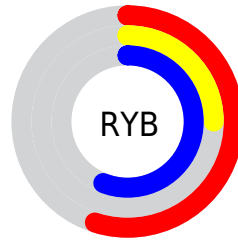
Distribution



Red (55%)

Green (25%)

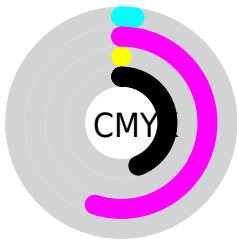
Blue (56%)



Red (55%)

Yellow (25%)

Blue (56%)

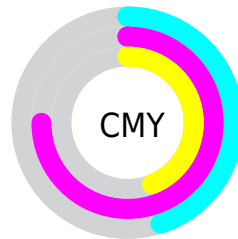


Cyan (2%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (45%)


Magenta (75%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 52.843, 326.037 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, 52.843, 326.037 by changing the saturation by 10% instead.


 40, 52.843,
326.037


 40, 52.843,
326.037


 100, 52.843,
326.037


 30, 52.843,
326.037

 60, 52.843,
326.037


 20, 52.843,
326.037

 70, 52.843,
326.037

 10, 52.843,
326.037

 80, 52.843,
326.037

 0, 52.843, 326.037

 90, 52.843,
326.037

 40, 52.843,

 40, 52.843,

326.037

■ 37, 60.533,
326.367

■ 35, 66.820,
326.607

■ 34, 71.403,
326.743

■ 33, 74.203,
326.771

■ 33, 75.303,
326.771

326.037

■ 43, 44.112,
325.635

■ 46, 34.704,
325.182

■ 50, 24.921,
324.693

■ 54, 14.999,
324.185

■ 57, 5.104, 323.652

■ 61, 4.650, 143.231

■ 65, 14.192,
142.715

■ 69, 23.481,
142.242

■ 74, 32.497,
141.794

Harmonies

Complementary

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



40, 52.843, 326.037



53, 53.011, 139.233

Rectangle

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



40, 52.843, 326.037



40, 52.843, 16.037



40, 52.843, 146.037



40, 52.843, 196.037

Sweetspot

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



40, 52.841, 326.037



67, 20.803, 324.296



32, 47.207, 296.428



35, 14.032, 324.386



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, 52.841, 326.037



48, 75.298, 326.428



39, 39.774, 346.534



28, 5.543, 323.870



31, 72.234, 326.778



1, 3.722, 323.424

Inverse Universe

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



38, 36.725, 23.223



45, 55.492, 26.465



54, 38.285, 155.393



28, 3.247, 16.812



27, 62.928, 37.286



0, 2.126, 16.249

Previews

White Background



This preview shows how the CIELCh color 40, 52.843, 326.037 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, 52.843, 326.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

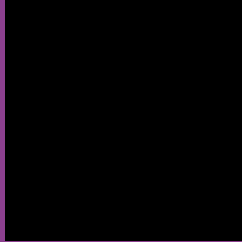
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 52.843, 326.037

Background



This preview shows how black text looks on a background with the CIELCh color 40, 52.843, 326.037.

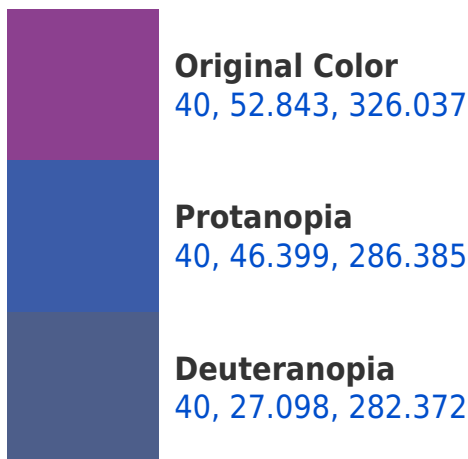


This preview shows how white text looks on a background with the CIELCh color 40, 52.843, 326.037.

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, 24.286, 14.818

Trichromacy



Original Color
40, 52.843, 326.037

Protanomaly
39, 47.110, 299.024

Deuteranomaly
39, 35.457, 304.586

Tritanomaly
40, 31.381, 347.212

Monochromacy



Original Color
40, 52.843, 326.037

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 20.929, 324.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 52.843, 326.037 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(140, 64, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 64, 143)  
}
```

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(140, 64, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 64, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 52.843, 326.037 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(140, 64, 143) }
```

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

```
.border{ border-color:rgb(140, 64, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 64, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 64, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 64, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 64,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 52.843, 326.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 64, 143) }
```

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

```
.background{ background-color: rgb(140, 64,  
143) }
```

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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