

Converting Colors

CIELCh(40, 53.341, 329.005)

Have a look what the booklet for
CIELCh(40, 53.341, 329.005)
contains.

| | |
|--|----|
| CIELCh(40, 53.107, 328.760) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(40, 53.107, 328.760)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 903E8C |
| RGB | 144, 62, 140 |
| RGB Percent | 56%, 24%, 55% |
| CMY | 0.4356, 0.7571, 0.4513 |
| CMYK | 0.00, 0.57, 0.03, 0.44 |
| HSL | 303°, 40%, 40% |
| HSV | 303°, 57%, 56% |
| XYZ | 17.9350, 11.2510, 26.0091 |
| YIQ | 95.4100, 23.8340, 41.6420 |

Conversions

Conversions Part 2

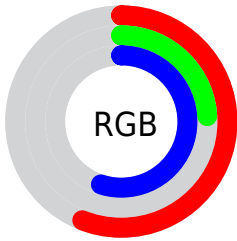
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 144, 62, 140 |
| Decimal | 9453196 |
| CIE _{Lab} | 40.00, 45.41, -27.54 |
| CIE _{LCh} | 40, 53.107, 328.760 |
| Yxy | 11.2510, 0.3249, 0.2038 |
| Android (android.graphics.Color) | 4287643276 (0xFF903E8C) |
| YUV | 95.4100, 21.9829, 42.6134 |
| Hunter-Lab | 33.5425, 36.7439, -22.4942 |

Details

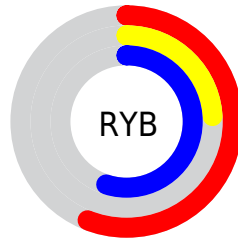
The CIELCh color $40, 53.107, 328.760$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $53, 53.627, 140.975$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 53.131, 328.791$, and $20, 53.000, 329.034$ is the 20% darker color. If you saturate the color by 10%, you get $38, 60.272, 329.190$, and if you desaturate by 10%, it is $43, 44.801, 328.284$.

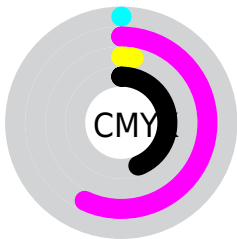
Distribution



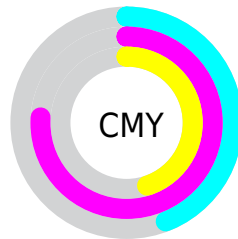
- Red (56%)
- Green (24%)
- Blue (55%)



- Red (56%)
- Yellow (24%)
- Blue (55%)



- Cyan (0%)
- Magenta (57%)
- Yellow (3%)
- Black (44%)





- Cyan (44%)
- Magenta (76%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 53.107, 328.760 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, 53.107, 328.760 by changing the saturation by 10% instead.


 40, 53.107,
328.760


 40, 53.107,
328.760


 100, 53.107,
328.760


 30, 53.107,
328.760

 60, 53.107,
328.760


 20, 53.107,
328.760

 70, 53.107,
328.760

 10, 53.107,
328.760

 80, 53.107,
328.760

 0, 53.107, 328.760

 90, 53.107,
328.760

 40, 53.107,

 40, 53.107,

328.760

38, 60.272,
329.190

36, 65.946,
329.565

34, 69.867,
329.882

34, 72.110,
330.150

33, 72.702,
330.228

328.760

43, 44.801,
328.284

46, 35.725,
327.771

49, 26.197,
327.235

53, 16.470,
326.685

57, 6.732, 326.120

61, 2.892, 145.685

65, 12.321,
145.104

69, 21.506,
144.591

■ 73, 30.425,
144.104

Harmonies

Complementary

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



40, 53.107, 328.760



53, 53.627, 140.975

Rectangle

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



40, 53.107, 328.760



40, 53.107, 18.760



40, 53.107, 148.760



40, 53.107, 198.760

Sweetspot

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



40, 53.105, 328.760



67, 20.356, 326.706



31, 51.876, 299.346



35, 13.729, 326.803



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, 53.105, 328.760



48, 74.696, 329.286



38, 39.394, 352.026



28, 5.426, 326.247



31, 69.468, 330.216



1, 3.644, 325.770

Inverse Universe

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



40, 53.105, 328.760



48, 74.696, 329.286



54, 36.768, 159.359



28, 5.426, 326.247



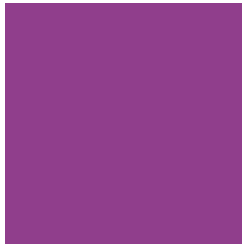
31, 69.468, 330.216



1, 3.644, 325.770

Previews

White Background



This preview shows how the CIELCh color 40, 53.107, 328.760 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, 53.107, 328.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

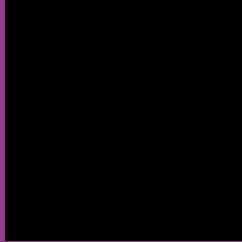
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 53.107, 328.760

Background



This preview shows how black text looks on a background with the CIELCh color 40, 53.107, 328.760.

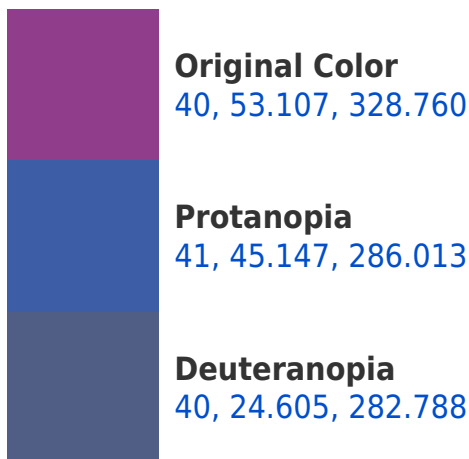


This preview shows how white text looks on a background with the CIELCh color 40, 53.107, 328.760.

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, 27.063, 16.239

Trichromacy



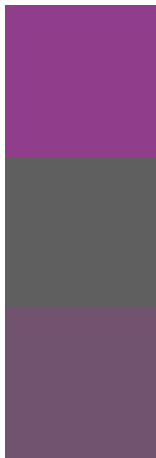
Original Color
40, 53.107, 328.760

Protanomaly
39, 45.944, 300.073

Deuteranomaly
39, 33.973, 307.401

Tritanomaly
40, 33.322, 350.412

Monochromacy



Original Color
40, 53.107, 328.760

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 20.896, 327.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 53.107, 328.760 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, 62, 140)` looks like.

```
.text, #text, p{  
    color:rgb(144, 62, 140)  
}
```

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, 62, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 62, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 53.107, 328.760 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, 62, 140) }
```

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

```
.border{ border-color:rgb(144, 62, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 62, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 62, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 62, 140);  
box-shadow:4px 4px 4px 4px rgb(144, 62,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 53.107, 328.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 62, 140) }
```

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

```
.background{ background-color: rgb(144, 62,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor