

Converting Colors

CIELCh(40, 25.538, 335.301)

Have a look what the booklet for
CIELCh(40, 25.538, 335.301)
contains.

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Color

CIELCh(40, 25.140, 335.063)

Conversions

Conversions Part 1

Format	Color
Hex	7B5170
RGB	123, 81, 112
RGB Percent	48%, 32%, 44%
CMY	0.5179, 0.6826, 0.5610
CMYK	0.00, 0.34, 0.09, 0.52
HSL	316°, 21%, 40%
HSV	316°, 34%, 48%
XYZ	14.0187, 11.2510, 16.7441
YIQ	97.0920, 15.0810, 18.5450

Conversions

Conversions Part 2

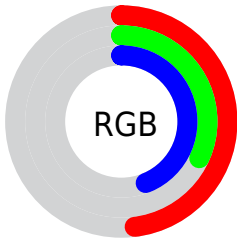
Format	Color
R_{YB}	123, 81, 112
Decimal	8081776
CIE _{Lab}	40.00, 22.80, -10.60
CIE _{LCh}	40, 25.140, 335.063
Yxy	11.2510, 0.3337, 0.2678
Android (android.graphics.Color)	4286271856 (0xFF7B5170)
YUV	97.0920, 7.3496, 22.7213
Hunter-Lab	33.5425, 15.9025, -6.1173

Details

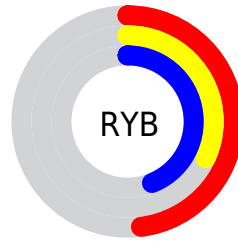
The CIELCh color $40, 25.140, 335.063$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 24.939, 150.154$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 25.184, 334.698$, and $20, 24.956, 335.104$ is the 20% darker color. If you saturate the color by 10%, you get $37, 32.231, 335.816$, and if you desaturate by 10%, it is $43, 17.800, 334.350$.

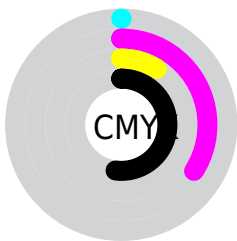
Distribution



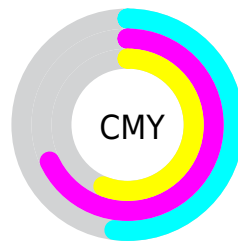
- Red (48%)
- Green (32%)
- Blue (44%)



- Red (48%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (52%)





- Cyan (52%)
- Magenta (68%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 25.140, 335.063 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, 25.140, 335.063 by changing the saturation by 10% instead.


 40, 25.140,
335.063


 40, 25.140,
335.063


 100, 25.140,
335.063


 30, 25.140,
335.063

 60, 25.140,
335.063


 20, 25.140,
335.063

 70, 25.140,
335.063

 10, 25.140,
335.063

 80, 25.140,
335.063

 0, 25.140, 335.063

 90, 25.140,
335.063

 40, 25.140,

 40, 25.140,

335.063

37, 32.231,
335.816

34, 38.843,
336.618

32, 44.682,
337.486

30, 49.425,
338.446

28, 52.786,
339.535

27, 54.642,
340.798

27, 55.506,
341.557

335.063

43, 17.800,
334.350

47, 10.392,
333.667

50, 3.032, 332.974

54, 4.202, 152.495

57, 11.265,
151.884

61, 18.134,
151.329

65, 24.799,
150.807

68, 31.262,
150.316

■ 72, 37.529,
149.853

Harmonies

Complementary

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



40, 25.140, 335.063



48, 24.939, 150.154

Rectangle

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



40, 25.140, 335.063



40, 25.140, 25.063



40, 25.140, 155.063



40, 25.140, 205.063

Sweetspot

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



40, 25.138, 335.064



62, 9.113, 333.405



37, 26.349, 302.409



32, 6.271, 333.483



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



40, 25.138, 335.064



49, 37.342, 335.651



39, 19.234, 3.275



24, 4.106, 333.325



27, 56.142, 341.585



56, 93.626, 342.518

Inverse Universe

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



40, 25.138, 335.064



49, 37.342, 335.651



48, 17.121, 176.321



24, 4.106, 333.325



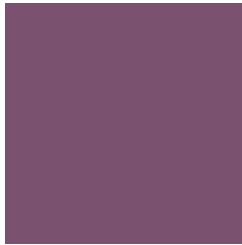
27, 56.142, 341.585



56, 93.626, 342.518

Previews

White Background



This preview shows how the CIELCh color 40, 25.140, 335.063 looks on a white background.

Color Contrast Check

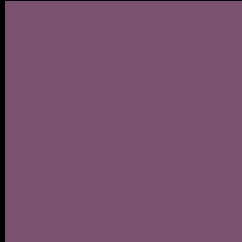
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.140, 335.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

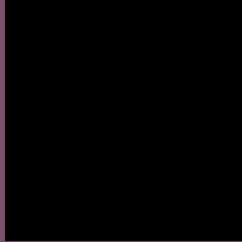
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 25.140, 335.063

Background



This preview shows how black text looks on a background with the CIELCh color 40, 25.140, 335.063.



This preview shows how white text looks on a background with the CIELCh color 40, 25.140, 335.063.

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, 25.140, 335.063

Protanopia

40, 16.526, 284.993

Deuteranopia

40, 11.134, 299.953



Tritanopia
40, 15.668, 8.449

Trichromacy



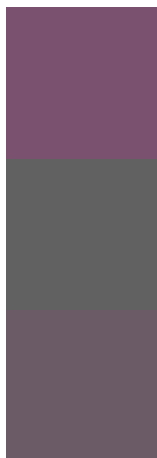
Original Color
40, 25.140, 335.063

Protanomaly
40, 18.384, 307.253

Deuteranomaly
40, 15.831, 319.142

Tritanomaly
40, 18.028, 352.070

Monochromacy



Original Color
40, 25.140, 335.063

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 9.163, 333.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 25.140, 335.063 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(123, 81, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 112)  
}
```

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(123, 81, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 25.140, 335.063 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(123, 81, 112) }
```

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

```
.border{ border-color:rgb(123, 81, 112) }
```

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

Here you see how a box with a 4 pixel rgb(123, 81, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 25.140, 335.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 112) }
```

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

```
.background{ background-color: rgb(123, 81,  
112) }
```

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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