

Converting Colors

CIELCh(40, 20.450, 334.783)

Have a look what the booklet for
CIELCh(40, 20.450, 334.783)
contains.

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Color

CIELCh(40, 20.493, 334.782)

Conversions

Conversions Part 1

Format	Color
Hex	76546D
RGB	118, 84, 109
RGB Percent	46%, 33%, 43%
CMY	0.5380, 0.6713, 0.5733
CMYK	0.00, 0.29, 0.08, 0.54
HSL	316°, 17%, 40%
HSV	316°, 29%, 46%
XYZ	13.3519, 11.2510, 15.8835
YIQ	97.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

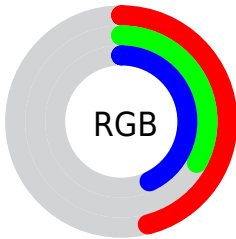
Format	Color
R_{YB}	118, 84, 109
Decimal	7754861
CIE Lab	40.00, 18.54, -8.73
CIE LCh	40, 20.493, 334.782
Yxy	11.2510, 0.3298, 0.2779
Android (android.graphics.Color)	4285944941 (0xFF76546D)
YUV	97.0160, 5.9081, 18.4030
Hunter-Lab	33.5425, 12.3544, -4.5960

Details

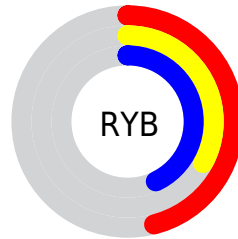
The CIELCh color $40, 20.493, 334.782$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $46, 20.333, 150.765$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 20.364, 335.664$, and $20, 20.907, 334.141$ is the 20% darker color. If you saturate the color by 10%, you get $37, 27.482, 335.513$, and if you desaturate by 10%, it is $43, 13.364, 334.088$.

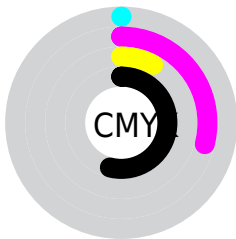
Distribution



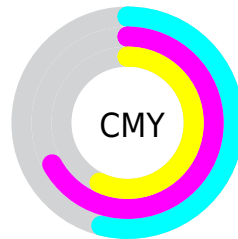
- Red (46%)
- Green (33%)
- Blue (43%)



- Red (46%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (54%)





- Cyan (54%)
- Magenta (67%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 20.493, 334.782 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, 20.493, 334.782 by changing the saturation by 10% instead.


 40, 20.493,
334.782


 40, 20.493,
334.782


 100, 20.493,
334.782


 30, 20.493,
334.782

 60, 20.493,
334.782


 20, 20.493,
334.782

 70, 20.493,
334.782

 10, 20.493,
334.782

 80, 20.493,
334.782

 0, 20.493, 334.782

 90, 20.493,
334.782

 40, 20.493,

 40, 20.493,

334.782

37, 27.482,
335.513

34, 34.143,
336.287

32, 40.223,
337.119

29, 45.424,
338.027

28, 49.444,
339.045

26, 52.047,
340.215

25, 53.597,
341.513

25, 53.781,
341.660

334.782

43, 13.364,
334.088

47, 6.238, 333.414

50, 0.798, 153.106

53, 7.686, 152.266

57, 14.396,
151.692

60, 20.913,
151.157

64, 27.235,
150.653

68, 33.365,
150.178

71, 39.310,

Harmonies

Complementary

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



40, 20.493, 334.782



46, 20.333, 150.765

Rectangle

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



40, 20.493, 334.782



40, 20.493, 24.782



40, 20.493, 154.782



40, 20.493, 204.782

Sweetspot

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



40, 20.491, 334.783



59, 7.860, 333.440



38, 21.289, 301.938



30, 5.434, 333.519



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 20.491, 334.783



49, 30.728, 335.292



39, 15.548, 2.523



23, 3.954, 333.426



26, 55.235, 341.729



56, 92.741, 342.703

Inverse Universe

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



40, 20.491, 334.783



49, 30.728, 335.292



47, 14.116, 176.885



23, 3.954, 333.426



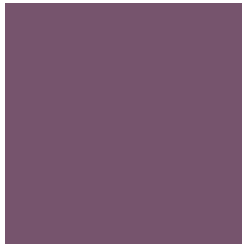
26, 55.235, 341.729



56, 92.741, 342.703

Previews

White Background



This preview shows how the CIELCh color 40, 20.493, 334.782 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 CIE LCh color 40, 20.493, 334.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

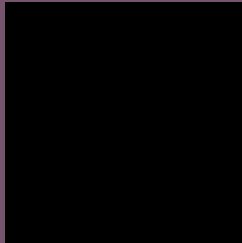
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 20.493, 334.782

Background



This preview shows how black text looks on a background with the CIELCh color 40, 20.493, 334.782.



This preview shows how white text looks on a background with the CIELCh color 40, 20.493, 334.782.

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, 20.493, 334.782

Protanopia

40, 12.846, 285.331

Deuteranopia

40, 9.503, 306.179



Tritanopia
40, 13.038, 5.219

Trichromacy



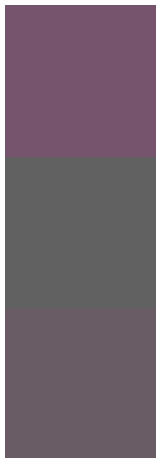
Original Color
40, 20.493, 334.782

Protanomaly
40, 14.651, 307.735

Deuteranomaly
40, 13.325, 320.806

Tritanomaly
40, 15.257, 350.709

Monochromacy



Original Color
40, 20.493, 334.782

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.717, 335.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 20.493, 334.782 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(118, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(118, 84, 109)  
}
```

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(118, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 84, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 20.493, 334.782 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(118, 84, 109) }
```

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

```
.border{ border-color:rgb(118, 84, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 84, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(118, 84,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 20.493, 334.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 84, 109) }
```

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

```
.background{ background-color: rgb(118, 84,  
109) }
```

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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