

Converting Colors

CIELCh(40, 21.372, 358.944)

Have a look what the booklet for
CIELCh(40, 21.372, 358.944)
contains.

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Color

CIELCh(40, 21.534, 358.135)

Conversions

Conversions Part 1

Format	Color
Hex	7F5160
RGB	127, 81, 96
RGB Percent	50%, 32%, 38%
CMY	0.5018, 0.6822, 0.6234
CMYK	0.00, 0.36, 0.24, 0.50
HSL	340°, 22%, 41%
HSV	340°, 36%, 50%
XYZ	13.8169, 11.2510, 12.5191
YIQ	96.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

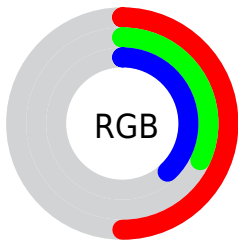
Format	Color
R_{YB}	127, 81, 96
Decimal	8343904
CIE Lab	40.00, 21.52, -0.70
CIE LCh	40, 21.534, 358.135
Yxy	11.2510, 0.3676, 0.2993
Android (android.graphics.Color)	4286533984 (0xFF7F5160)
YUV	96.4640, -0.2288, 26.7801
Hunter-Lab	33.5425, 14.8287, 1.3509

Details

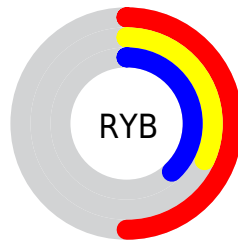
The CIELCh color $40, 21.534, 358.135$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $50, 19.605, 170.667$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 21.523, 358.910$, and $20, 21.363, 357.653$ is the 20% darker color. If you saturate the color by 10%, you get $37, 27.620, 359.708$, and if you desaturate by 10%, it is $43, 15.410, 356.816$.

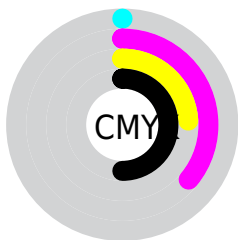
Distribution



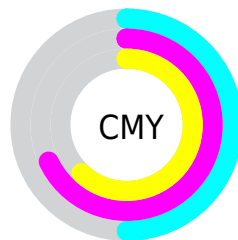
- Red (50%)
- Green (32%)
- Blue (38%)



- Red (50%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (50%)





- Cyan (50%)
- Magenta (68%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 21.534, 358.135 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, 21.534, 358.135 by changing the saturation by 10% instead.


 40, 21.534,
358.135


 40, 21.534,
358.135


 100, 21.534,
358.135


 30, 21.534,
358.135

 60, 21.534,
358.135


 20, 21.534,
358.135

 70, 21.534,
358.135

 10, 21.534,
358.135

 80, 21.534,
358.135

 0, 21.534, 358.135

 90, 21.534,
358.135

 40, 21.534,

 40, 21.534,

358.135

358.135

37, 27.620,
359.708

43, 15.410,
356.816

34, 33.482, 1.614

47, 9.382, 355.676

31, 38.874, 3.974

51, 3.530, 354.637

29, 43.534, 6.934

55, 2.106, 174.027

27, 47.263, 10.648

59, 7.510, 173.139

26, 50.158, 15.109

62, 12.681,
172.424

26, 51.308, 16.761

66, 17.629,
171.783

70, 22.367,
171.199

74, 26.912,
170.664

Harmonies

Complementary

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



40, 21.534, 358.135



50, 19.605, 170.667

Rectangle

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



40, 21.534, 358.135



40, 21.534, 48.135



40, 21.534, 178.135



40, 21.534, 228.135

Sweetspot

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



40, 21.532, 358.137



63, 7.846, 355.159



39, 30.372, 316.165



32, 5.323, 355.274



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



40, 21.532, 358.137



49, 31.931, 359.339



42, 18.233, 36.123



25, 3.231, 354.938



26, 51.446, 16.783



0, 0.000, 0.000

Inverse Universe

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



40, 21.532, 358.137



49, 31.931, 359.339



48, 14.191, 216.797



25, 3.231, 354.938



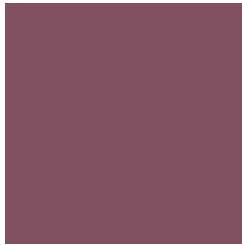
26, 51.446, 16.783



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 21.534, 358.135 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, 21.534, 358.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

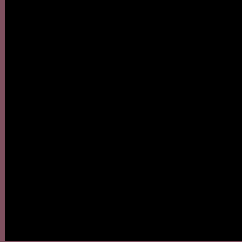
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 21.534, 358.135

Background



This preview shows how black text looks on a background with the CIELCh color 40, 21.534, 358.135.



This preview shows how white text looks on a background with the CIELCh color 40, 21.534, 358.135.

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, 21.534, 358.135

Protanopia
40, 6.096, 291.110

Deuteranopia
40, 5.261, 6.767



Tritanopia
40, 19.751, 10.223

Trichromacy



Original Color
40, 21.534, 358.135

Protanomaly
40, 10.196, 335.069

Deuteranomaly
40, 11.104, 358.604

Tritanomaly
40, 19.976, 5.080

Monochromacy



Original Color
40, 21.534, 358.135

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 8.075, 353.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 21.534, 358.135 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(127, 81, 96)` looks like.

```
.text, #text, p{  
    color:rgb(127, 81, 96)  
}
```

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(127, 81, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 81, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 21.534, 358.135 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(127, 81, 96) }
```

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

```
.border{ border-color:rgb(127, 81, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 81, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 81, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 81, 96);  
box-shadow:4px 4px 4px 4px rgb(127, 81,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 21.534, 358.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 81, 96) }
```

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

```
.background{ background-color: rgb(127, 81,  
96) }
```

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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