

Converting Colors

CIELCh(40, 20.479, 1.637)

Have a look what the booklet for
CIELCh(40, 20.479, 1.637) contains.

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Color

CIELCh(40, 20.222, 1.740)

Conversions

Conversions Part 1

Format	Color
Hex	7E525E
RGB	126, 82, 94
RGB Percent	49%, 32%, 37%
CMY	0.5063, 0.6788, 0.6318
CMYK	0.00, 0.35, 0.25, 0.51
HSL	344°, 21%, 41%
HSV	344°, 35%, 49%
XYZ	13.6114, 11.2510, 12.0182
YIQ	96.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

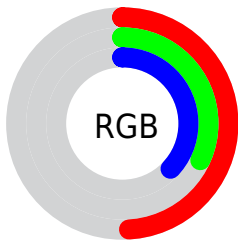
Format	Color
RYB	126, 82, 94
Decimal	8278622
CIELab	40.00, 20.21, 0.61
CIELCh	40, 20.222, 1.740
Yxy	11.2510, 0.3691, 0.3051
Android (android.graphics.Color)	4286468702 (0xFF7E525E)
YUV	96.5240, -1.2443, 25.8505
Hunter-Lab	33.5425, 13.7351, 2.2363

Details

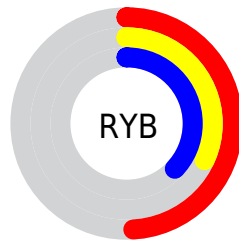
The CIELCh color **40, 20.222, 1.740** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 18.108, 174.550**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 20.284, 2.371**, and **20, 20.444, 2.155** is the 20% darker color. If you saturate the color by 10%, you get **37, 26.264, 3.347**, and if you desaturate by 10%, it is **44, 14.214, 0.402**.

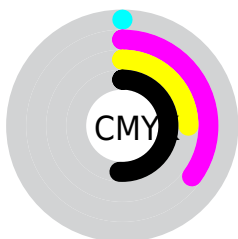
Distribution



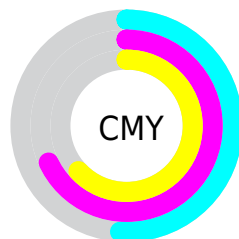
- Red (49%)
- Green (32%)
- Blue (37%)



- Red (49%)
- Yellow (32%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 20.222, 1.740 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, 20.222, 1.740 by changing the saturation by 10% instead.

■ 40, 20.222, 1.740 ■ 40, 20.222, 1.740

■ 100, 20.222, 1.740 ■ 30, 20.222, 1.740

■ 60, 20.222, 1.740 ■ 20, 20.222, 1.740

■ 70, 20.222, 1.740 ■ 10, 20.222, 1.740

■ 80, 20.222, 1.740 ■ 0, 20.222, 1.740

■ 90, 20.222, 1.740

■ 40, 20.222, 1.740 ■ 40, 20.222, 1.740

■ 37, 26.264, 3.347 ■ 44, 14.214, 0.402

■ 34, 32.177, 5.306 ■ 47, 8.355, 359.253

■ 31, 37.738, 7.741 ■ 51, 2.708, 358.189

■ 29, 42.705, 10.796

■ 55, 2.699, 177.589

■ 27, 46.886, 14.614

■ 59, 7.858, 176.745

■ 26, 50.296, 19.211

■ 62, 12.774,
176.047

■ 25, 52.074, 21.475

■ 66, 17.461,
175.424

■ 70, 21.937,
174.860

■ 74, 26.219,
174.344

Harmonies

Complementary

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



40, 20.222, 1.740



49, 18.108, 174.550

Rectangle

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



40, 20.222, 1.740



40, 20.222, 51.740



40, 20.222, 181.740



40, 20.222, 231.740

Sweetspot

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



40, 20.220, 1.743



62, 6.847, 358.756



40, 29.359, 317.695



32, 4.659, 358.876



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, 20.220, 1.743



48, 30.307, 3.008



42, 16.848, 40.929



25, 3.146, 358.639



26, 52.578, 21.556



0, 0.000, 0.000

Inverse Universe

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



40, 20.220, 1.743



48, 30.307, 3.008



47, 13.354, 223.409



25, 3.146, 358.639



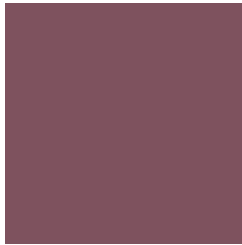
26, 52.578, 21.556



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 40, 20.222, 1.740 looks on a white background.

Color Contrast Check

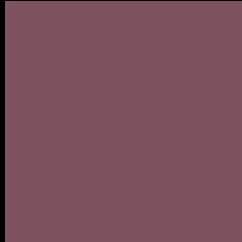
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.222, 1.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

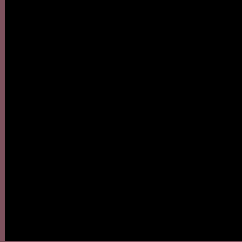
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 20.222, 1.740

Background



This preview shows how black text looks on a background with the CIELCh color 40, 20.222, 1.740.



This preview shows how white text looks on a background with the CIELCh color 40, 20.222, 1.740.

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, 20.222, 1.740

Protanopia

40, 4.269, 290.838

Deuteranopia

40, 6.050, 14.451



Tritanopia
40, 18.795, 11.265

Trichromacy



Original Color
40, 20.222, 1.740

Protanomaly
40, 8.322, 344.836

Deuteranomaly
40, 11.198, 5.383

Tritanomaly
40, 18.909, 7.640

Monochromacy



Original Color
40, 20.222, 1.740

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 7.242, 0.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 20.222, 1.740 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(126, 82, 94)` looks like.

```
.text, #text, p{  
    color:rgb(126, 82, 94)  
}
```

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(126, 82, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 82, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 20.222, 1.740 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(126, 82, 94) }
```

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

```
.border{ border-color:rgb(126, 82, 94) }
```

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

Here you see how a box with a 4 pixel rgb(126, 82, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 82, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 82, 94);  
box-shadow:4px 4px 4px 4px rgb(126, 82,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 20.222, 1.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 82, 94) }
```

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

```
.background{ background-color: rgb(126, 82,  
94) }
```

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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