

Converting Colors

CIELCh(40, 20.820, 5.434)

Have a look what the booklet for
CIELCh(40, 20.820, 5.434) contains.

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Color

CIELCh(40, 20.955, 4.400)

Conversions

Conversions Part 1

Format	Color
Hex	7F515C
RGB	127, 81, 92
RGB Percent	50%, 32%, 36%
CMY	0.5006, 0.6811, 0.6379
CMYK	0.00, 0.36, 0.28, 0.50
HSL	346°, 22%, 41%
HSV	346°, 36%, 50%
XYZ	13.7179, 11.2510, 11.6486
YIQ	96.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

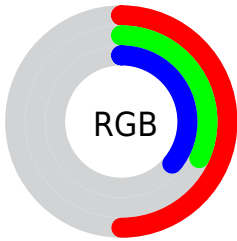
Format	Color
R_{YB}	127, 81, 92
Decimal	8343900
CIE _{Lab}	40.00, 20.89, 1.61
CIE _{LCh}	40, 20.955, 4.400
Yxy	11.2510, 0.3746, 0.3073
Android (android.graphics.Color)	4286533980 (0xFF7F515C)
YUV	96.0080, -1.9759, 27.1800
Hunter-Lab	33.5425, 14.3019, 2.8896

Details

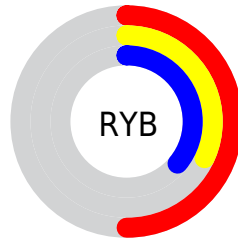
The CIELCh color **40, 20.955, 4.400** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **50, 18.419, 176.932**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 20.962, 4.717**, and **20, 20.819, 4.739** is the 20% darker color. If you saturate the color by 10%, you get **37, 27.065, 6.082**, and if you desaturate by 10%, it is **44, 14.898, 3.012**.

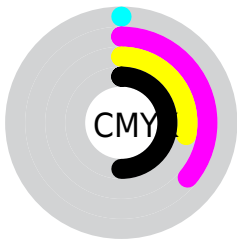
Distribution



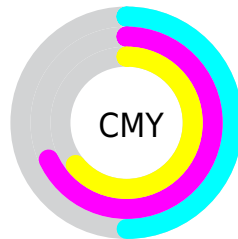
- Red (50%)
- Green (32%)
- Blue (36%)



- Red (50%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 20.955, 4.400 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, 20.955, 4.400 by changing the saturation by 10% instead.

40, 20.955, 4.400 40, 20.955, 4.400

100, 20.955, 4.400 30, 20.955, 4.400

60, 20.955, 4.400 20, 20.955, 4.400

70, 20.955, 4.400 10, 20.955, 4.400

80, 20.955, 4.400 0, 20.955, 4.400

90, 20.955, 4.400

40, 20.955, 4.400 40, 20.955, 4.400

37, 27.065, 6.082 44, 14.898, 3.012

34, 33.066, 8.150 47, 9.009, 1.833

31, 38.736, 10.732 51, 3.350, 0.770

■ 29, 43.843, 13.973

■ 55, 2.051, 180.186

■ 27, 48.216, 17.997

■ 59, 7.188, 179.299

■ 26, 51.942, 22.705

■ 63, 12.070,
178.601

■ 26, 53.451, 24.422

■ 67, 16.713,
177.982

■ 70, 21.134,
177.426

■ 74, 25.355,
176.919

Harmonies

Complementary

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



40, 20.955, 4.400



50, 18.419, 176.932

Rectangle

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



40, 20.955, 4.400



40, 20.955, 54.400



40, 20.955, 184.400



40, 20.955, 234.400

Sweetspot

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



40, 20.953, 4.403



63, 7.533, 1.311



40, 30.867, 318.790



32, 5.114, 1.428



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, 20.953, 4.403



49, 31.228, 5.696



43, 17.385, 44.313



25, 3.099, 1.085



26, 53.498, 24.430



0, 0.000, 0.000

Inverse Universe

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



40, 20.953, 4.403



49, 31.228, 5.696



47, 13.772, 228.164



25, 3.099, 1.085



26, 53.498, 24.430



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 20.955, 4.400 looks on a white background.

Color Contrast Check

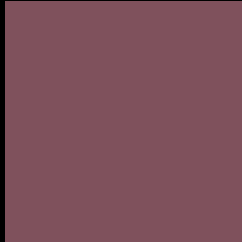
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.955, 4.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

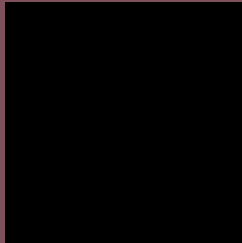
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 20.955, 4.400

Background



This preview shows how black text looks on a background with the CIELCh color 40, 20.955, 4.400.



This preview shows how white text looks on a background with the CIELCh color 40, 20.955, 4.400.

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, 20.955, 4.400

Protanopia

40, 3.688, 297.119

Deuteranopia

40, 6.042, 20.178



Tritanopia
40, 20.157, 12.273

Trichromacy



Original Color
40, 20.955, 4.400

Protanomaly
40, 9.040, 348.171

Deuteranomaly
40, 11.548, 9.005

Tritanomaly
40, 20.238, 8.883

Monochromacy



Original Color
40, 20.955, 4.400

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, 20.955, 4.400 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(127, 81, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 81, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 20.955, 4.400 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, 92) }
```

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

```
.border{ border-color:rgb(127, 81, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 81, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 81, 92);  
box-shadow:4px 4px 4px 4px rgb(127, 81,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 20.955, 4.400 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, 92) }
```

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

```
.background{ background-color: rgb(127, 81,  
92) }
```

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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