

Converting Colors

CIELCh(41, 14.897, 358.060)

Have a look what the booklet for
CIELCh(41, 14.897, 358.060)
contains.

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Color

CIELCh(41, 14.882, 357.789)

Conversions

Conversions Part 1

Format	Color
Hex	785862
RGB	120, 88, 98
RGB Percent	47%, 35%, 38%
CMY	0.5292, 0.6547, 0.6155
CMYK	0.00, 0.27, 0.18, 0.53
HSL	341°, 15%, 41%
HSV	341°, 27%, 47%
XYZ	13.4510, 11.8645, 13.1462
YIQ	98.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

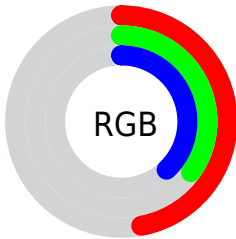
Format	Color
R_{YB}	120, 88, 98
Decimal	7886946
CIE _{Lab}	41.00, 14.87, -0.57
CIE _{LCh}	41, 14.882, 357.789
Yxy	11.8645, 0.3497, 0.3085
Android (android.graphics.Color)	4286077026 (0xFF785862)
YUV	98.7080, -0.3490, 18.6731
Hunter-Lab	34.4449, 9.4269, 1.4829

Details

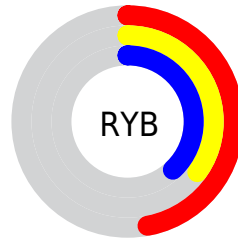
The CIELCh color $41, 14.882, 357.789$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 13.858, 172.644$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 15.105, 356.985$, and $21, 15.151, 357.074$ is the 20% darker color. If you saturate the color by 10%, you get $38, 20.709, 359.126$, and if you desaturate by 10%, it is $44, 9.149, 356.645$.

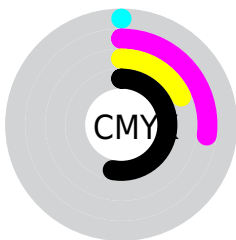
Distribution



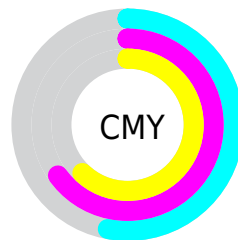
- Red (47%)
- Green (35%)
- Blue (38%)



- Red (47%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (53%)




- Cyan (53%)
- Magenta (65%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.882, 357.789 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 41, 14.882, 357.789 by changing the saturation by 10% instead.


 41, 14.882,
357.789


 41, 14.882,
357.789


 100, 14.882,
357.789


 31, 14.882,
357.789

 61, 14.882,
357.789


 21, 14.882,
357.789

 71, 14.882,
357.789


 11, 14.882,
357.789


 81, 14.882,
357.789

 1, 14.882, 357.789

 91, 14.882,
357.789

 0, 14.882, 357.789

 41, 14.882,

 41, 14.882,

357.789

357.789

■ 38, 20.709,
359.126

■ 44, 9.149, 356.645

■ 35, 26.513, 0.715

■ 48, 3.590, 355.605

■ 32, 32.116, 2.647

■ 52, 1.760, 175.013

■ 29, 37.289, 5.040

■ 55, 6.885, 174.102

■ 27, 41.789, 8.038

■ 59, 11.786,
173.385

■ 26, 45.436, 11.792

■ 63, 16.472,
172.745

■ 24, 48.378, 16.223

■ 66, 20.957,
172.164

■ 24, 49.427, 17.641

■ 70, 25.256,
171.630

■ 74, 29.387,
171.139

Harmonies

Complementary

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



41, 14.882, 357.789



48, 13.858, 172.644

Rectangle

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



41, 14.882, 357.789



41, 14.882, 47.789



41, 14.882, 177.789



41, 14.882, 227.789

Sweetspot

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



41, 14.880, 357.792



61, 5.348, 355.765



41, 21.301, 316.287



31, 3.840, 355.897



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 14.880, 357.792



50, 22.260, 358.583



42, 12.189, 37.477



24, 3.100, 355.857



25, 50.922, 17.898



53, 87.056, 21.186

Inverse Universe

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



41, 14.880, 357.792



50, 22.260, 358.583



46, 10.240, 218.419



24, 3.100, 355.857



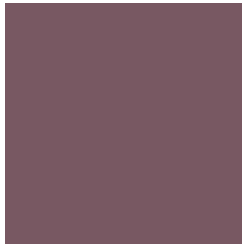
25, 50.922, 17.898



53, 87.056, 21.186

Previews

White Background



This preview shows how the CIELCh color 41, 14.882, 357.789 looks on a white background.

Color Contrast Check

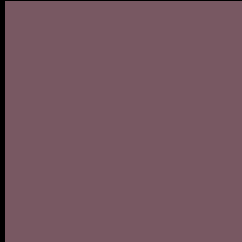
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 14.882, 357.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

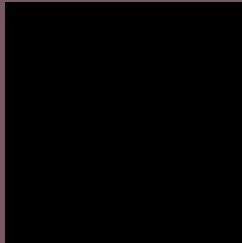
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 14.882, 357.789

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.882, 357.789.

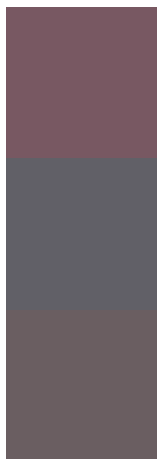


This preview shows how white text looks on a background with the CIELCh color 41, 14.882, 357.789.

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


41, 14.882, 357.789

Protanopia

41, 4.279, 296.276

Deuteranopia

41, 5.398, 0.485



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 14.882, 357.789

Protanomaly
41, 6.990, 336.395

Deuteranomaly
41, 8.630, 0.152

Tritanomaly
41, 14.536, 2.248

Monochromacy



Original Color
41, 14.882, 357.789

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.608, 354.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.882, 357.789 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(120, 88, 98)` looks like.

```
.text, #text, p{  
    color:rgb(120, 88, 98)  
}
```

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(120, 88, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 88, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.882, 357.789 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(120, 88, 98) }
```

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

```
.border{ border-color:rgb(120, 88, 98) }
```

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

Here you see how a box with a 4 pixel rgb(120, 88, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 88, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 88, 98);  
box-shadow:4px 4px 4px 4px rgb(120, 88,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.882, 357.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 88, 98) }
```

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

```
.background{ background-color: rgb(120, 88,  
98) }
```

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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