

Converting Colors

CIELCh(41, 15.685, 0.597)

Have a look what the booklet for
CIELCh(41, 15.685, 0.597) contains.

CIELCh(41, 16.106, 359.936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 16.106, 359.936)

Conversions

Conversions Part 1

Format	Color
Hex	7A5761
RGB	122, 87, 97
RGB Percent	48%, 34%, 38%
CMY	0.5208, 0.6581, 0.6189
CMYK	0.00, 0.29, 0.20, 0.52
HSL	343°, 17%, 41%
HSV	343°, 29%, 48%
XYZ	13.6432, 11.8645, 12.9256
YIQ	98.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

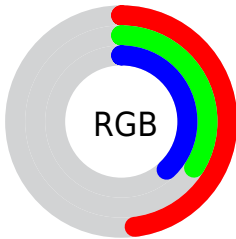
Format	Color
R_{YB}	122, 87, 97
Decimal	8017761
CIE Lab	41.00, 16.11, -0.02
CIE LCh	41, 16.106, 359.936
Yxy	11.8645, 0.3550, 0.3087
Android (android.graphics.Color)	4286207841 (0xFF7A5761)
YUV	98.6050, -0.7913, 20.5174
Hunter-Lab	34.4449, 10.4229, 1.8627

Details

The CIELCh color $41, 16.106, 359.936$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 14.792, 174.304$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 16.230, 358.896$, and $21, 16.045, 358.945$ is the 20% darker color. If you saturate the color by 10%, you get $38, 22.002, 1.350$, and if you desaturate by 10%, it is $45, 10.306, 358.739$.

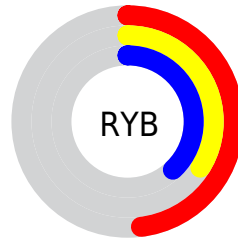
Distribution



Red (48%)

Green (34%)

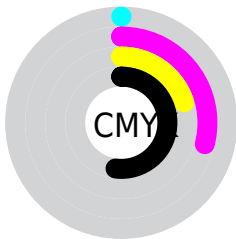
Blue (38%)



Red (48%)

Yellow (34%)

Blue (38%)

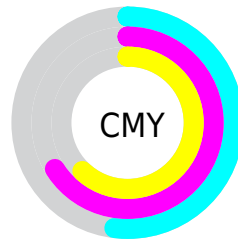


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (52%)



Cyan (52%)


Magenta (66%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.106, 359.936 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, 16.106, 359.936 by changing the saturation by 10% instead.


 41, 16.106,
359.936


 41, 16.106,
359.936


 100, 16.106,
359.936


 31, 16.106,
359.936

 61, 16.106,
359.936


 21, 16.106,
359.936

 71, 16.106,
359.936


 11, 16.106,
359.936


 81, 16.106,
359.936

 1, 16.106, 359.936

 91, 16.106,
359.936

 0, 16.106, 359.936

 41, 16.106,

 41, 16.106,

359.936

359.936

38, 22.002, 1.350

45, 10.306,
358.739

35, 27.871, 3.046

48, 4.687, 357.676

32, 33.524, 5.127

52, 0.712, 177.326

29, 38.731, 7.719

56, 5.874, 176.118

27, 43.258, 10.973

59, 10.801,
175.383

26, 46.955, 15.022

25, 50.158, 19.578

63, 15.502,
174.733

25, 50.626, 20.155

67, 19.992,
174.146

71, 24.289,
173.609

74, 28.409,

Harmonies

Complementary

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



41, 16.106, 359.936



48, 14.792, 174.304

Rectangle

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



41, 16.106, 359.936



41, 16.106, 49.936



41, 16.106, 179.936



41, 16.106, 229.936

Sweetspot

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



41, 16.104, 359.939



61, 6.028, 357.735



41, 23.344, 316.903



31, 4.176, 357.859



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, 16.104, 359.939



50, 23.796, 0.779



43, 13.266, 39.192



24, 3.058, 357.720



25, 51.480, 20.299



53, 88.287, 23.608

Inverse Universe

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



41, 16.104, 359.939



50, 23.796, 0.779



47, 11.001, 220.686



24, 3.058, 357.720



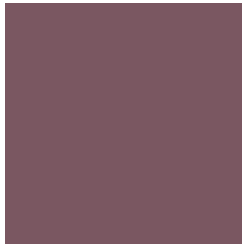
25, 51.480, 20.299



53, 88.287, 23.608

Previews

White Background



This preview shows how the CIE LCh color 41, 16.106, 359.936 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, 16.106, 359.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

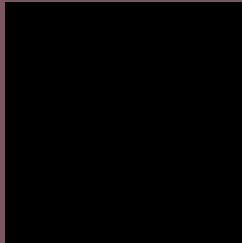
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.106, 359.936

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.106, 359.936.



This preview shows how white text looks on a background with the CIELCh color 41, 16.106, 359.936.

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, 16.106, 359.936

Protanopia

41, 4.279, 296.276

Deuteranopia

41, 5.661, 7.826



Tritanopia
41, 15.145, 7.901

Trichromacy



Original Color
41, 16.106, 359.936

Protanomaly
41, 7.296, 338.756

Deuteranomaly
41, 9.303, 5.699

Tritanomaly
41, 15.242, 5.678

Monochromacy



Original Color
41, 16.106, 359.936

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.388, 0.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.106, 359.936 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(122, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(122, 87, 97)  
}
```

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(122, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 87, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.106, 359.936 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(122, 87, 97) }
```

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

```
.border{ border-color:rgb(122, 87, 97) }
```

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

Here you see how a box with a 4 pixel rgb(122, 87, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(122, 87,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.106, 359.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 87, 97) }
```

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

```
.background{ background-color: rgb(122, 87,  
97) }
```

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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