

Converting Colors

CIELCh(41, 15.779, 356.523)

Have a look what the booklet for
CIELCh(41, 15.779, 356.523)
contains.

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Color

CIELCh(41, 16.106, 355.204)

Conversions

Conversions Part 1

Format	Color
Hex	795763
RGB	121, 87, 99
RGB Percent	47%, 34%, 39%
CMY	0.5242, 0.6576, 0.6105
CMYK	0.00, 0.28, 0.18, 0.52
HSL	339°, 16%, 41%
HSV	339°, 28%, 48%
XYZ	13.6344, 11.8645, 13.4568
YIQ	98.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

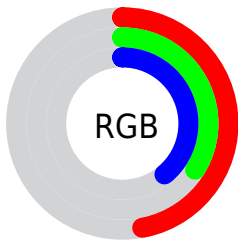
Format	Color
R_{YB}	121, 87, 99
Decimal	7952227
CIE _{Lab}	41.00, 16.05, -1.35
CIE _{LCh}	41, 16.106, 355.204
Yxy	11.8645, 0.3500, 0.3046
Android (android.graphics.Color)	4286142307 (0xFF795763)
YUV	98.5340, 0.2297, 19.7027
Hunter-Lab	34.4449, 10.3772, 0.9483

Details

The CIELCh color $41, 16.106, 355.204$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 15.102, 169.806$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 16.263, 354.593$, and $21, 16.464, 354.517$ is the 20% darker color. If you saturate the color by 10%, you get $38, 22.042, 356.525$, and if you desaturate by 10%, it is $44, 10.221, 354.069$.

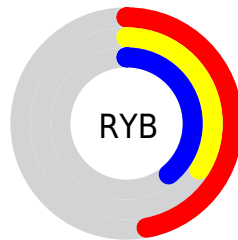
Distribution



Red (47%)

Green (34%)

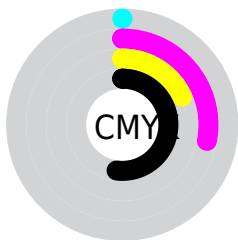
Blue (39%)



Red (47%)

Yellow (34%)

Blue (39%)

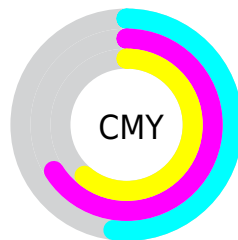


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (52%)



Cyan (52%)


Magenta (66%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.106, 355.204 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, 355.204 by changing the saturation by 10% instead.


 41, 16.106,
355.204


 41, 16.106,
355.204


 100, 16.106,
355.204


 31, 16.106,
355.204

 61, 16.106,
355.204


 21, 16.106,
355.204

 71, 16.106,
355.204


 11, 16.106,
355.204


 81, 16.106,
355.204

 1, 16.106, 355.204

 91, 16.106,
355.204

 0, 16.106, 355.204

 41, 16.106,

 41, 16.106,

355.204

355.204

38, 22.042,
356.525

44, 10.221,
354.069

35, 27.895,
358.087

48, 4.480, 353.046

32, 33.465,
359.980

52, 1.070, 172.543

55, 6.407, 171.516

29, 38.506, 2.319

59, 11.526,
170.788

27, 42.763, 5.250

63, 16.432,
170.138

26, 46.054, 8.927

25, 48.659, 13.202

67, 21.138,
169.544

25, 49.213, 14.007

70, 25.658,
168.999

74, 30.005,

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, 355.204



48, 15.102, 169.806

Rectangle

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



41, 16.106, 355.204



41, 16.106, 45.204



41, 16.106, 175.204



41, 16.106, 225.204

Sweetspot

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



41, 16.104, 355.207



62, 5.540, 353.062



40, 22.389, 314.741



31, 3.924, 353.190



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, 355.207



50, 24.414, 356.080



42, 13.469, 32.659



24, 3.168, 353.150



25, 50.284, 14.187



53, 85.546, 17.388

Inverse Universe

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



41, 16.104, 355.207



50, 24.414, 356.080



47, 11.163, 212.283



24, 3.168, 353.150



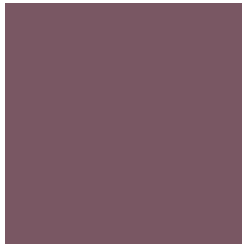
25, 50.284, 14.187



53, 85.546, 17.388

Previews

White Background



This preview shows how the CIE LCh color 41, 16.106, 355.204 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, 355.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

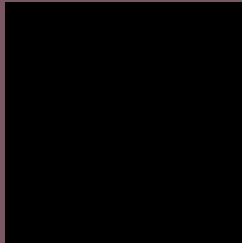
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.106, 355.204

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.106, 355.204.



This preview shows how white text looks on a background with the CIELCh color 41, 16.106, 355.204.

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, 355.204

Protanopia

41, 5.467, 291.005

Deuteranopia

41, 5.618, 354.652



Tritanopia
41, 14.820, 5.130

Trichromacy



Original Color
41, 16.106, 355.204

Protanomaly
41, 7.869, 330.018

Deuteranomaly
41, 9.229, 357.622

Tritanomaly
41, 15.102, 0.681

Monochromacy



Original Color
41, 16.106, 355.204

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, 16.106, 355.204 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(121, 87, 99)` looks like.

```
.text, #text, p{  
    color:rgb(121, 87, 99)  
}
```

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(121, 87, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 87, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.106, 355.204 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(121, 87, 99) }
```

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

```
.border{ border-color:rgb(121, 87, 99) }
```

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

Here you see how a box with a 4 pixel rgb(121, 87, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 87, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 87, 99);  
box-shadow:4px 4px 4px 4px rgb(121, 87,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.106, 355.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 87, 99) }
```

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

```
.background{ background-color: rgb(121, 87,  
99) }
```

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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