

Converting Colors

CIELCh(42, 16.750, 352.139)

Have a look what the booklet for
CIELCh(42, 16.750, 352.139)
contains.

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Color

CIELCh(42, 16.900, 352.145)

Conversions

Conversions Part 1

Format	Color
Hex	7C5967
RGB	124, 89, 103
RGB Percent	49%, 35%, 40%
CMY	0.5123, 0.6496, 0.5947
CMYK	0.00, 0.28, 0.17, 0.51
HSL	336°, 16%, 42%
HSV	336°, 28%, 49%
XYZ	14.4311, 12.5000, 14.5754
YIQ	101.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

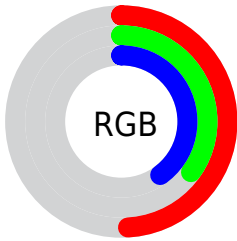
Format	Color
R_{YB}	124, 89, 103
Decimal	8149351
CIE _{Lab}	42.00, 16.74, -2.31
CIE _{LCh}	42, 16.900, 352.145
Yxy	12.5000, 0.3477, 0.3012
Android (android.graphics.Color)	4286339431 (0xFF7C5967)
YUV	101.0610, 0.9559, 20.1175
Hunter-Lab	35.3553, 10.9871, 0.3062

Details

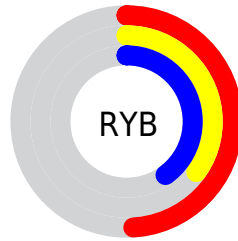
The CIELCh color $42, 16.900, 352.145$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 16.022, 166.835$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 17.037, 351.796$, and $22, 16.635, 352.279$ is the 20% darker color. If you saturate the color by 10%, you get $39, 23.041, 353.404$, and if you desaturate by 10%, it is $46, 10.776, 351.053$.

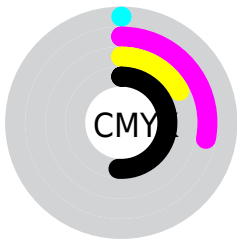
Distribution



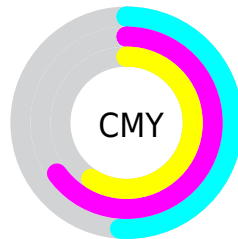
- Red (49%)
- Green (35%)
- Blue (40%)



- Red (49%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 16.900, 352.145 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 42, 16.900, 352.145 by changing the saturation by 10% instead.


 42, 16.900,
352.145


 42, 16.900,
352.145


 100, 16.900,
352.145


 32, 16.900,
352.145

 62, 16.900,
352.145


 22, 16.900,
352.145

 72, 16.900,
352.145

 12, 16.900,
352.145


 82, 16.900,
352.145

 2, 16.900, 352.145

 92, 16.900,
352.145

 0, 16.900, 352.145

 42, 16.900,

 42, 16.900,

352.145

352.145

39, 23.041,
353.404

46, 10.776,
351.053

35, 29.050,
354.882

49, 4.773, 350.062

33, 34.712,
356.659

53, 1.054, 169.572

57, 6.676, 168.554

30, 39.760,
358.841

60, 12.085,
167.835

28, 43.917, 1.568

64, 17.284,
167.188

27, 46.985, 4.997

68, 22.281,

26, 49.242, 9.029

166.595

25, 49.690, 9.751

72, 27.089,
166.049

76, 31.723,

Harmonies

Complementary

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



42, 16.900, 352.145



49, 16.022, 166.835

Rectangle

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



42, 16.900, 352.145



42, 16.900, 42.145



42, 16.900, 172.145



42, 16.900, 222.145

Sweetspot

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



42, 16.898, 352.147



62, 5.771, 350.065



41, 22.800, 313.667



32, 4.141, 350.192



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



42, 16.898, 352.147



51, 25.278, 352.960



43, 14.185, 29.642



24, 3.257, 350.149



26, 49.860, 9.778



54, 84.358, 12.804

Inverse Universe

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



42, 16.898, 352.147



51, 25.278, 352.960



49, 11.738, 208.394



24, 3.257, 350.149



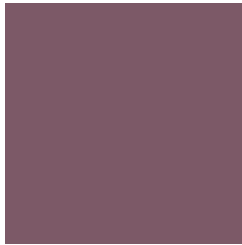
26, 49.860, 9.778



54, 84.358, 12.804

Previews

White Background



This preview shows how the CIELCh color 42, 16.900, 352.145 looks on a white background.

Color Contrast Check

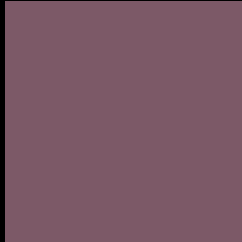
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 16.900, 352.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

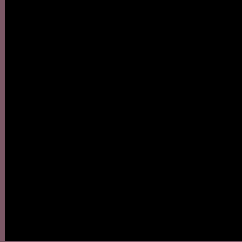
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 16.900, 352.145

Background



This preview shows how black text looks on a background with the CIELCh color 42, 16.900, 352.145.



This preview shows how white text looks on a background with the CIELCh color 42, 16.900, 352.145.

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

42, 16.900, 352.145

Protanopia

42, 6.048, 287.299

Deuteranopia

42, 6.194, 344.490



Tritanopia
42, 15.185, 5.625

Trichromacy



Original Color
42, 16.900, 352.145

Protanomaly
42, 9.034, 327.210

Deuteranomaly
42, 9.684, 350.964

Tritanomaly
42, 15.453, 1.287

Monochromacy



Original Color
42, 16.900, 352.145

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 5.862, 349.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 16.900, 352.145 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(124, 89, 103)` looks like.

```
.text, #text, p{  
    color:rgb(124, 89, 103)  
}
```

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(124, 89, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 89, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 16.900, 352.145 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(124, 89, 103) }
```

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

```
.border{ border-color:rgb(124, 89, 103) }
```

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

Here you see how a box with a 4 pixel rgb(124, 89, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 89, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 89, 103);  
box-shadow:4px 4px 4px 4px rgb(124, 89,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 16.900, 352.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 89, 103) }
```

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

```
.background{ background-color: rgb(124, 89,  
103) }
```

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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