

Converting Colors

CIELCh(42, 18.677, 336.404)

Have a look what the booklet for
CIELCh(42, 18.677, 336.404)
contains.

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Color

CIELCh(42, 18.549, 336.603)

Conversions

Conversions Part 1

Format	Color
Hex	7A5A70
RGB	122, 90, 112
RGB Percent	48%, 35%, 44%
CMY	0.5234, 0.6488, 0.5626
CMYK	0.00, 0.26, 0.08, 0.52
HSL	319°, 15%, 41%
HSV	319°, 26%, 48%
XYZ	14.4770, 12.5000, 16.8449
YIQ	102.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

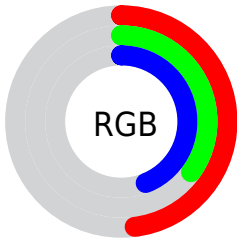
Format	Color
R_{YB}	122, 90, 112
Decimal	8018544
CIE Lab	42.00, 17.02, -7.37
CIE LCh	42, 18.549, 336.603
Yxy	12.5000, 0.3304, 0.2852
Android (android.graphics.Color)	4286208624 (0xFF7A5A70)
YUV	102.0760, 4.8925, 17.4733
Hunter-Lab	35.3553, 11.2188, -3.4997

Details

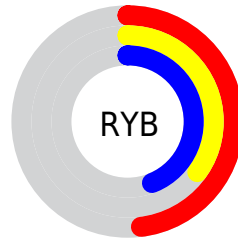
The CIELCh color $42, 18.549, 336.603$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 18.353, 152.814$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 18.944, 336.263$, and $22, 18.367, 337.365$ is the 20% darker color. If you saturate the color by 10%, you get $39, 25.552, 337.387$, and if you desaturate by 10%, it is $45, 11.455, 335.868$.

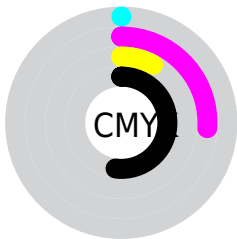
Distribution



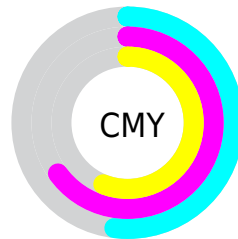
- Red (48%)
- Green (35%)
- Blue (44%)



- Red (48%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 18.549, 336.603 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, 18.549, 336.603 by changing the saturation by 10% instead.

 42, 18.549,
336.603


 42, 18.549,
336.603


 100, 18.549,
336.603


 32, 18.549,
336.603

 62, 18.549,
336.603


 22, 18.549,
336.603

 72, 18.549,
336.603


 12, 18.549,
336.603


 82, 18.549,
336.603

 2, 18.549, 336.603

 92, 18.549,
336.603

 0, 18.549, 336.603

 42, 18.549,

 42, 18.549,

336.603

39, 25.552,
337.387

36, 32.290,
338.231

33, 38.522,
339.155

31, 43.950,
340.186

29, 48.260,
341.367

27, 51.181,
342.755

26, 52.760,
344.380

26, 53.300,
344.984

336.603

45, 11.455,
335.868

49, 4.400, 335.151

52, 2.539, 154.654

56, 9.316, 153.979

60, 15.905,
153.397

63, 22.297,
152.853

67, 28.492,
152.342

71, 34.497,
151.861

74, 40.321,

Harmonies

Complementary

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



42, 18.549, 336.603



48, 18.353, 152.814

Rectangle

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



42, 18.549, 336.603



42, 18.549, 26.603



42, 18.549, 156.603



42, 18.549, 206.603

Sweetspot

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



42, 18.547, 336.604



62, 6.930, 335.289



40, 19.929, 303.459



31, 4.903, 335.381



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



42, 18.547, 336.604



52, 27.968, 337.105



42, 14.275, 5.917



24, 3.960, 335.352



27, 54.344, 345.047



56, 90.564, 346.266

Inverse Universe

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



42, 18.547, 336.604



52, 27.968, 337.105



49, 12.876, 180.955



24, 3.960, 335.352



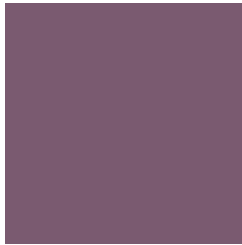
27, 54.344, 345.047



56, 90.564, 346.266

Previews

White Background



This preview shows how the CIELCh color 42, 18.549, 336.603 looks on a white background.

Color Contrast Check

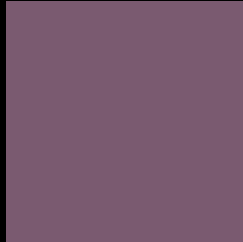
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 18.549, 336.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

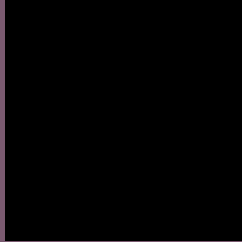
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 18.549, 336.603

Background



This preview shows how black text looks on a background with the CIELCh color 42, 18.549, 336.603.



This preview shows how white text looks on a background with the CIELCh color 42, 18.549, 336.603.

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, 18.549, 336.603

Protanopia

42, 10.905, 285.716

Deuteranopia

42, 8.387, 310.878



Tritanopia
42, 12.639, 1.836

Trichromacy



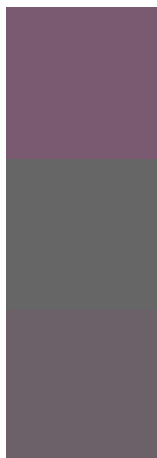
Original Color
42, 18.549, 336.603

Protanomaly
42, 12.082, 308.882

Deuteranomaly
42, 12.191, 323.583

Tritanomaly
42, 14.771, 349.672

Monochromacy



Original Color
42, 18.549, 336.603

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 6.942, 336.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 18.549, 336.603 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, 90, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 90, 112)  
}
```

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, 90, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 90, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 18.549, 336.603 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, 90, 112) }
```

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

```
.border{ border-color:rgb(122, 90, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 90, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 90, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 90, 112);  
box-shadow:4px 4px 4px 4px rgb(122, 90,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 18.549, 336.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 90, 112) }
```

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

```
.background{ background-color: rgb(122, 90,  
112) }
```

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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