

Converting Colors

CIELCh(42, 14.045, 349.910)

Have a look what the booklet for
CIELCh(42, 14.045, 349.910)
contains.

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Color

CIELCh(42, 14.134, 350.808)

Conversions

Conversions Part 1

Format	Color
Hex	785B67
RGB	120, 91, 103
RGB Percent	47%, 36%, 40%
CMY	0.5287, 0.6425, 0.5954
CMYK	0.00, 0.24, 0.14, 0.53
HSL	335°, 14%, 41%
HSV	335°, 24%, 47%
XYZ	13.9832, 12.5000, 14.5532
YIQ	101.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

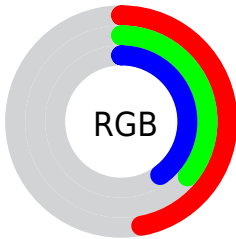
Format	Color
R_{YB}	120, 91, 103
Decimal	7887719
CIE _{Lab}	42.00, 13.95, -2.26
CIE _{LCh}	42, 14.134, 350.808
Yxy	12.5000, 0.3408, 0.3046
Android (android.graphics.Color)	4286077799 (0xFF785B67)
YUV	101.0390, 0.9668, 16.6288
Hunter-Lab	35.3553, 8.7256, 0.3433

Details

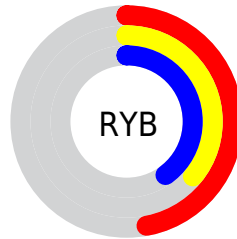
The CIELCh color $42, 14.134, 350.808$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 13.541, 166.428$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.446, 350.744$, and $22, 14.054, 351.378$ is the 20% darker color. If you saturate the color by 10%, you get $39, 20.144, 351.971$, and if you desaturate by 10%, it is $45, 8.178, 349.785$.

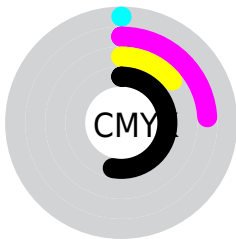
Distribution



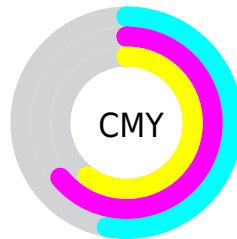
- Red (47%)
- Green (36%)
- Blue (40%)



- Red (47%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 14.134, 350.808 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, 14.134, 350.808 by changing the saturation by 10% instead.

 42, 14.134,
350.808


 42, 14.134,
350.808


 100, 14.134,
350.808

 32, 14.134,
350.808

 62, 14.134,
350.808


 22, 14.134,
350.808

 72, 14.134,
350.808

 12, 14.134,
350.808


 82, 14.134,
350.808

 2, 14.134, 350.808

 92, 14.134,
350.808

 0, 14.134, 350.808

 42, 14.134,

 42, 14.134,

350.808

39, 20.144,
351.971

36, 26.085,
353.318

33, 31.770,
354.917

30, 36.957,
356.857

28, 41.373,
359.260

26, 44.775, 2.274

25, 47.103, 6.016

24, 48.422, 8.255

350.808

45, 8.178, 349.785

49, 2.359, 348.797

53, 3.279, 168.210

56, 8.717, 167.422

60, 13.950,
166.740

64, 18.983,
166.121

67, 23.827,
165.550

71, 28.493,
165.022

75, 32.996,
164.532

Harmonies

Complementary

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



42, 14.134, 350.808



48, 13.541, 166.428

Rectangle

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



42, 14.134, 350.808



42, 14.134, 40.808



42, 14.134, 170.808



42, 14.134, 220.808

Sweetspot

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



42, 14.132, 350.811



61, 4.953, 349.113



41, 18.865, 312.935



32, 3.245, 349.154



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, 14.132, 350.811



52, 21.078, 351.437



42, 11.796, 27.919



24, 3.284, 349.298



26, 49.801, 8.475



54, 84.131, 11.437

Inverse Universe

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



42, 14.132, 350.811



52, 21.078, 351.437



48, 10.067, 206.559



24, 3.284, 349.298



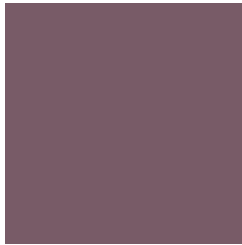
26, 49.801, 8.475



54, 84.131, 11.437

Previews

White Background



This preview shows how the CIE LCh color 42, 14.134, 350.808 looks on a white background.

Color Contrast Check

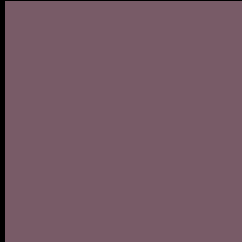
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.134, 350.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

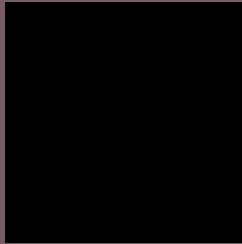
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 14.134, 350.808

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.134, 350.808.



This preview shows how white text looks on a background with the CIELCh color 42, 14.134, 350.808.

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, 14.134, 350.808

Protanopia

42, 5.438, 290.984

Deuteranopia

42, 6.194, 344.490



Tritanopia
42, 12.639, 1.836

Trichromacy



Original Color
42, 14.134, 350.808

Protanomaly
42, 7.576, 327.530

Deuteranomaly
42, 8.960, 348.107

Tritanomaly
42, 13.008, 356.772

Monochromacy



Original Color
42, 14.134, 350.808

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 5.506, 346.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.134, 350.808 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, 91, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 91, 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(120, 91, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 91, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.134, 350.808 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, 91, 103) }
```

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

```
.border{ border-color:rgb(120, 91, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 91, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 91, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 91, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 91,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.134, 350.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 91, 103) }
```

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

```
.background{ background-color: rgb(120, 91,  
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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