

Converting Colors

CIELCh(44, 14.678, 357.616)

Have a look what the booklet for
CIELCh(44, 14.678, 357.616)
contains.

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Color

CIELCh(44, 14.702, 357.627)

Conversions

Conversions Part 1

Format	Color
Hex	7F5F69
RGB	127, 95, 105
RGB Percent	50%, 37%, 41%
CMY	0.5002, 0.6257, 0.5865
CMYK	0.00, 0.25, 0.17, 0.50
HSL	341°, 14%, 44%
HSV	341°, 25%, 50%
XYZ	15.5237, 13.8382, 15.3350
YIQ	105.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

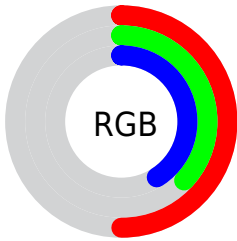
Format	Color
R_{YB}	127, 95, 105
Decimal	8347497
CIE _{Lab}	44.00, 14.69, -0.61
CIE _{LCh}	44, 14.702, 357.627
Yxy	13.8382, 0.3473, 0.3096
Android (android.graphics.Color)	4286537577 (0xFF7F5F69)
YUV	105.7080, -0.3490, 18.6731
Hunter-Lab	37.1997, 9.3897, 1.5984

Details

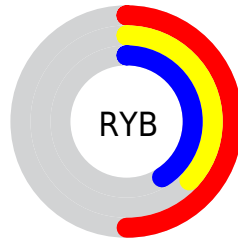
The CIELCh color $44, 14.702, 357.627$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 13.743, 172.793$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 14.402, 358.239$, and $24, 14.919, 356.720$ is the 20% darker color. If you saturate the color by 10%, you get $40, 20.815, 358.944$, and if you desaturate by 10%, it is $48, 8.703, 356.497$.

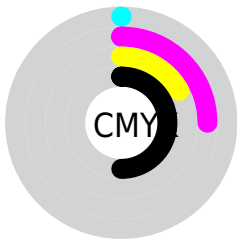
Distribution



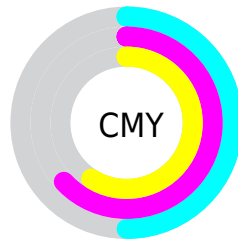
- Red (50%)
- Green (37%)
- Blue (41%)



- Red (50%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 14.702, 357.627 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 44, 14.702, 357.627 by changing the saturation by 10% instead.


 44, 14.702,
357.627


 44, 14.702,
357.627


 100, 14.702,
357.627

 34, 14.702,
357.627

 64, 14.702,
357.627

 24, 14.702,
357.627

 74, 14.702,
357.627

 14, 14.702,
357.627


 84, 14.702,
357.627

 4, 14.702, 357.627

 94, 14.702,
357.627

 0, 14.702, 357.627

 44, 14.702,

 44, 14.702,

357.627

357.627

40, 20.815,
358.944

48, 8.703, 356.497

37, 26.924, 0.505

51, 2.894, 355.447

34, 32.847, 2.401

55, 2.690, 174.834

31, 38.347, 4.747

59, 8.035, 173.985

29, 43.164, 7.690

63, 13.144,
173.279

27, 47.092, 11.381

67, 18.028,
172.646

26, 50.153, 15.868

71, 22.703,
172.070

26, 51.683, 18.030

75, 27.185,
171.542

79, 31.491,
171.055

Harmonies

Complementary

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



44, 14.702, 357.627



51, 13.743, 172.793

Rectangle

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



44, 14.702, 357.627



44, 14.702, 47.627



44, 14.702, 177.627



44, 14.702, 227.627

Sweetspot

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



44, 14.700, 357.630



64, 5.633, 355.776



44, 21.066, 316.229



33, 4.045, 355.913



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 14.700, 357.630



54, 21.928, 358.337



45, 12.000, 37.458



25, 3.208, 355.870



26, 51.697, 18.032



0, 0.000, 0.000

Inverse Universe

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



44, 14.700, 357.630



54, 21.928, 358.337



49, 10.183, 218.352



25, 3.208, 355.870



26, 51.697, 18.032



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 14.702, 357.627 looks on a white background.

Color Contrast Check

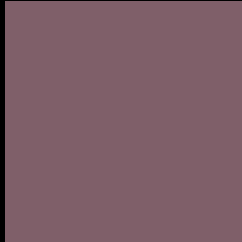
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 14.702, 357.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

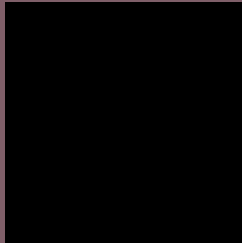
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 14.702, 357.627

Background



This preview shows how black text looks on a background with the CIELCh color 44, 14.702, 357.627.



This preview shows how white text looks on a background with the CIELCh color 44, 14.702, 357.627.

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

44, 14.702, 357.627

Protanopia

44, 3.596, 290.701

Deuteranopia

44, 5.730, 1.914



Tritanopia
44, 13.776, 3.764

Trichromacy



Original Color
44, 14.702, 357.627

Protanomaly
44, 6.502, 340.158

Deuteranomaly
44, 9.114, 357.520

Tritanomaly
44, 13.923, 1.397

Monochromacy



Original Color
44, 14.702, 357.627

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 5.539, 354.581

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 44, 14.702, 357.627 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(127, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 105)  
}
```

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(127, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 14.702, 357.627 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(127, 95, 105) }
```

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

```
.border{ border-color:rgb(127, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 95, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 95, 105); box-shadow:4px 4px 4px 4px rgb(127, 95, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 14.702, 357.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 105) }
```

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

```
.background{ background-color: rgb(127, 95,  
105) }
```

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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