

Converting Colors

CIELCh(44, 16.059, 356.432)

Have a look what the booklet for
CIELCh(44, 16.059, 356.432)
contains.

CIELCh(44, 15.679, 357.011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 15.679, 357.011)

Conversions

Conversions Part 1

Format	Color
Hex	815F6A
RGB	129, 95, 106
RGB Percent	51%, 37%, 42%
CMY	0.4949, 0.6282, 0.5851
CMYK	0.00, 0.26, 0.18, 0.49
HSL	341°, 15%, 44%
HSV	341°, 26%, 51%
XYZ	15.6893, 13.8382, 15.4275
YIQ	106.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

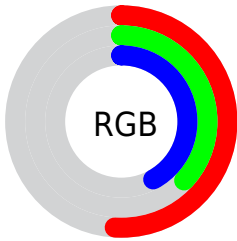
Format	Color
R_{YB}	129, 95, 106
Decimal	8478570
CIE _{Lab}	44.00, 15.66, -0.82
CIE _{LCh}	44, 15.679, 357.011
Yxy	13.8382, 0.3490, 0.3078
Android (android.graphics.Color)	4286668650 (0xFF815F6A)
YUV	106.4200, -0.2071, 19.8027
Hunter-Lab	37.1997, 10.1842, 1.4510

Details

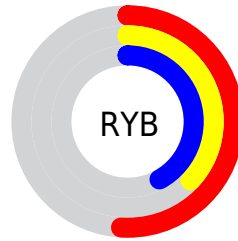
The CIELCh color $44, 15.679, 357.011$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 14.646, 171.898$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 15.320, 357.545$, and $24, 15.964, 356.264$ is the 20% darker color. If you saturate the color by 10%, you get $40, 21.867, 358.345$, and if you desaturate by 10%, it is $48, 9.584, 355.868$.

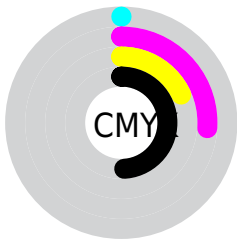
Distribution



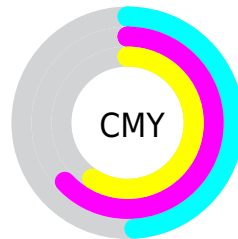
- Red (51%)
- Green (37%)
- Blue (42%)



- Red (51%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (49%)





- Cyan (49%)
- Magenta (63%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.679, 357.011 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, 15.679, 357.011 by changing the saturation by 10% instead.


 44, 15.679,
357.011


 44, 15.679,
357.011


 100, 15.679,
357.011


 34, 15.679,
357.011

 64, 15.679,
357.011


 24, 15.679,
357.011

 74, 15.679,
357.011

 14, 15.679,
357.011


 84, 15.679,
357.011

 4, 15.679, 357.011

 94, 15.679,
357.011

 0, 15.679, 357.011

 44, 15.679,

 44, 15.679,

357.011

357.011

40, 21.867,
358.345

48, 9.584, 355.868

37, 28.019,
359.928

51, 3.668, 354.826

55, 2.028, 174.218

34, 33.941, 1.853

59, 7.488, 173.320

31, 39.384, 4.238

63, 12.712,
172.602

29, 44.083, 7.230

67, 17.709,
171.960

28, 47.843, 10.985

27, 50.769, 15.487

71, 22.493,
171.375

26, 51.879, 17.074

75, 27.082,
170.839

79, 31.491,
170.344

Harmonies

Complementary

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



44, 15.679, 357.011



51, 14.646, 171.898

Rectangle

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



44, 15.679, 357.011



44, 15.679, 47.011



44, 15.679, 177.011



44, 15.679, 227.011

Sweetspot

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



44, 15.677, 357.014



65, 5.737, 355.015



44, 22.256, 315.751



33, 4.068, 355.150



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, 15.677, 357.014



54, 23.847, 357.836



45, 12.919, 35.811



25, 3.227, 355.108



26, 51.489, 17.012



0, 0.000, 0.000

Inverse Universe

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



44, 15.677, 357.014



54, 23.847, 357.836



50, 10.844, 216.315



25, 3.227, 355.108



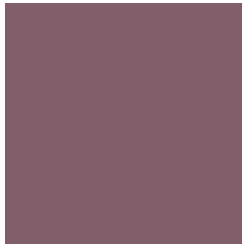
26, 51.489, 17.012



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 15.679, 357.011 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, 15.679, 357.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

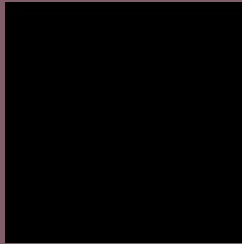
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 15.679, 357.011

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.679, 357.011.



This preview shows how white text looks on a background with the CIELCh color 44, 15.679, 357.011.

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, 15.679, 357.011

Protanopia

44, 4.195, 290.784

Deuteranopia

44, 5.931, 356.414



Tritanopia
44, 14.761, 2.712

Trichromacy



Original Color
44, 15.679, 357.011

Protanomaly
44, 6.896, 336.344

Deuteranomaly
44, 9.114, 357.520

Tritanomaly
44, 14.916, 0.512

Monochromacy



Original Color
44, 15.679, 357.011

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, 15.679, 357.011 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(129, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 106)  
}
```

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(129, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.679, 357.011 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(129, 95, 106) }
```

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

```
.border{ border-color:rgb(129, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 95, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 95, 106); box-shadow:4px 4px 4px 4px rgb(129, 95, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.679, 357.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 106) }
```

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

```
.background{ background-color: rgb(129, 95,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor