

Converting Colors

CIELCh(46, 15.237, 352.904)

Have a look what the booklet for
CIELCh(46, 15.237, 352.904)
contains.

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Color

CIELCh(46, 15.392, 354.130)

Conversions

Conversions Part 1

Format	Color
Hex	856470
RGB	133, 100, 112
RGB Percent	52%, 39%, 44%
CMY	0.4785, 0.6079, 0.5608
CMYK	0.00, 0.25, 0.16, 0.48
HSL	338°, 14%, 46%
HSV	338°, 25%, 52%
XYZ	17.1525, 15.2687, 17.3703
YIQ	111.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

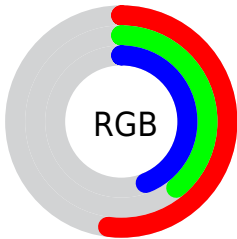
Format	Color
R_{YB}	133, 100, 112
Decimal	8742000
CIE _{Lab}	46.00, 15.31, -1.57
CIE _{LCh}	46, 15.392, 354.130
Yxy	15.2687, 0.3445, 0.3067
Android (android.graphics.Color)	4286932080 (0xFF856470)
YUV	111.2350, 0.3771, 19.0879
Hunter-Lab	39.0751, 9.9731, 0.9961

Details

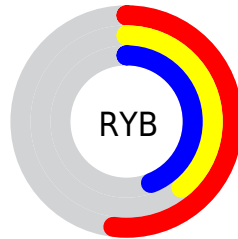
The CIELCh color $46, 15.392, 354.130$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 14.571, 169.424$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 15.647, 353.730$, and $26, 15.370, 355.098$ is the 20% darker color. If you saturate the color by 10%, you get $42, 21.808, 355.390$, and if you desaturate by 10%, it is $50, 9.058, 353.038$.

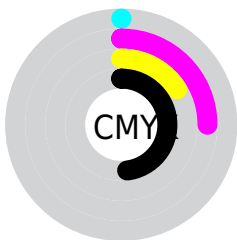
Distribution



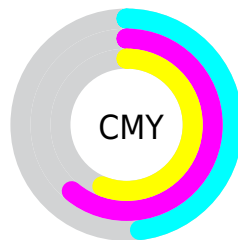
- Red (52%)
- Green (39%)
- Blue (44%)



- Red (52%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (48%)





- Cyan (48%)
- Magenta (61%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 15.392, 354.130 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 46, 15.392, 354.130 by changing the saturation by 10% instead.


 46, 15.392,
354.130


 46, 15.392,
354.130


 100, 15.392,
354.130


 36, 15.392,
354.130

 66, 15.392,
354.130


 26, 15.392,
354.130

 76, 15.392,
354.130

 16, 15.392,
354.130


 86, 15.392,
354.130

 6, 15.392, 354.130

 96, 15.392,
354.130

 0, 15.392, 354.130

 46, 15.392,

 46, 15.392,

354.130

354.130

42, 21.808,
355.390

50, 9.058, 353.038

39, 28.173,
356.869

54, 2.895, 352.011

58, 3.055, 171.394

36, 34.286,
358.650

62, 8.772, 170.564

33, 39.885, 0.841

66, 14.256,
169.862

31, 44.680, 3.582

70, 19.514,
169.227

29, 48.437, 7.032

74, 24.559,
168.647

28, 51.135, 11.295

27, 52.512, 13.547

78, 29.408,
168.112

82, 34.077,
167.618

Harmonies

Complementary

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



46, 15.392, 354.130



53, 14.571, 169.424

Rectangle

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



46, 15.392, 354.130



46, 15.392, 44.130



46, 15.392, 174.130



46, 15.392, 224.130

Sweetspot

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



46, 15.390, 354.133



67, 5.251, 352.261



45, 21.307, 314.611



35, 3.400, 352.308



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



46, 15.390, 354.133



57, 23.262, 354.848



47, 12.698, 32.535



26, 3.409, 352.461



27, 51.652, 13.418



0, 0.804, 351.704

Inverse Universe

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



46, 15.390, 354.133



57, 23.262, 354.848



52, 10.761, 212.222



26, 3.409, 352.461



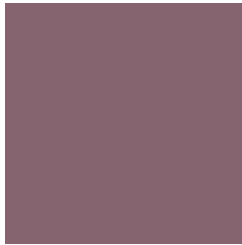
27, 51.652, 13.418



0, 0.804, 351.704

Previews

White Background



This preview shows how the CIELCh color 46, 15.392, 354.130 looks on a white background.

Color Contrast Check

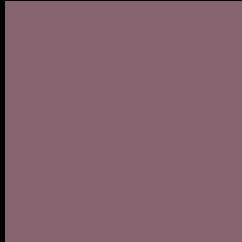
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 15.392, 354.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

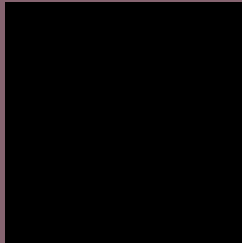
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 15.392, 354.130

Background



This preview shows how black text looks on a background with the CIELCh color 46, 15.392, 354.130.

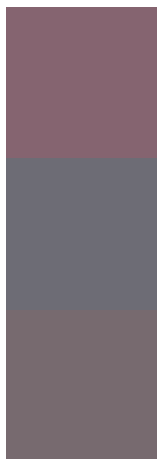


This preview shows how white text looks on a background with the CIELCh color 46, 15.392, 354.130.

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

46, 15.392, 354.130

Protanopia

46, 5.376, 295.151

Deuteranopia

46, 6.133, 351.283



Tritanopia
46, 14.066, 4.259

Trichromacy



Original Color
46, 15.392, 354.130

Protanomaly
46, 7.978, 332.272

Deuteranomaly
46, 9.264, 354.057

Tritanomaly
46, 14.206, 1.954

Monochromacy



Original Color
46, 15.392, 354.130

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 5.493, 354.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 15.392, 354.130 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(133, 100, 112)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 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(133, 100, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 15.392, 354.130 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(133, 100, 112) }
```

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

```
.border{ border-color:rgb(133, 100, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 100, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 112);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 15.392, 354.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 100, 112) }
```

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

```
.background{ background-color: rgb(133,  
100, 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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