

Converting Colors

CIELCh(44, 17.907, 354.869)

Have a look what the booklet for
CIELCh(44, 17.907, 354.869)
contains.

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Color

CIELCh(44, 18.272, 355.010)

Conversions

Conversions Part 1

Format	Color
Hex	845D6B
RGB	132, 93, 107
RGB Percent	52%, 36%, 42%
CMY	0.4817, 0.6347, 0.5798
CMYK	0.00, 0.30, 0.19, 0.48
HSL	338°, 17%, 44%
HSV	338°, 30%, 52%
XYZ	16.1301, 13.8382, 15.7726
YIQ	106.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

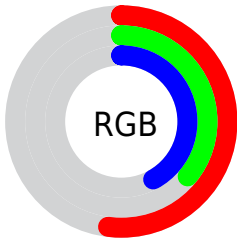
Format	Color
R_{YB}	132, 93, 107
Decimal	8674667
CIE _{Lab}	44.00, 18.20, -1.59
CIE _{LCh}	44, 18.272, 355.010
Yxy	13.8382, 0.3526, 0.3025
Android (android.graphics.Color)	4286864747 (0xFF845D6B)
YUV	106.2570, 0.3663, 22.5766
Hunter-Lab	37.1997, 12.2994, 0.9009

Details

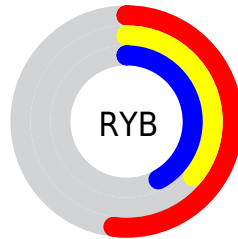
The CIELCh color $44, 18.272, 355.010$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 17.091, 169.230$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 18.113, 355.973$, and $24, 18.723, 354.631$ is the 20% darker color. If you saturate the color by 10%, you get $40, 24.644, 356.371$, and if you desaturate by 10%, it is $48, 11.929, 353.844$.

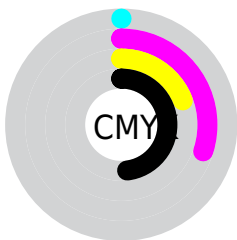
Distribution



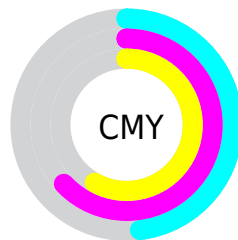
- Red (52%)
- Green (36%)
- Blue (42%)



- Red (52%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (48%)





- Cyan (48%)
- Magenta (63%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.272, 355.010 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, 18.272, 355.010 by changing the saturation by 10% instead.


 44, 18.272,
355.010


 44, 18.272,
355.010


 100, 18.272,
355.010


 34, 18.272,
355.010

 64, 18.272,
355.010


 24, 18.272,
355.010

 74, 18.272,
355.010

 14, 18.272,
355.010


 84, 18.272,
355.010

 4, 18.272, 355.010

 94, 18.272,
355.010

 0, 18.272, 355.010

 44, 18.272,

 44, 18.272,

355.010

355.010

40, 24.644,
356.371

48, 11.929,
353.844

37, 30.886,
357.989

52, 5.724, 352.805

34, 36.767,
359.959

55, 0.282, 173.167

59, 6.062, 171.232

32, 42.009, 2.404

63, 11.608,
170.485

30, 46.340, 5.476

67, 16.924,
169.821

28, 49.592, 9.334

71, 22.021,
169.217

27, 52.191, 13.746

27, 52.328, 13.952

75, 26.916,
168.662

79, 31.623,

Harmonies

Complementary

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



44, 18.272, 355.010



52, 17.091, 169.230

Rectangle

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



44, 18.272, 355.010



44, 18.272, 45.010



44, 18.272, 175.010



44, 18.272, 225.010

Sweetspot

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



44, 18.270, 355.013



66, 6.675, 352.774



43, 25.314, 314.816



34, 4.685, 352.902



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 18.270, 355.013



54, 26.868, 355.837



45, 15.314, 32.738



26, 3.400, 352.766



27, 51.710, 13.859



0, 0.802, 352.008

Inverse Universe

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



44, 18.270, 355.013



54, 26.868, 355.837



51, 12.526, 212.325



26, 3.400, 352.766



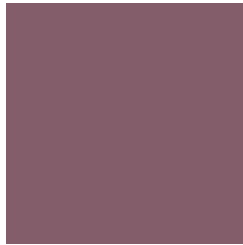
27, 51.710, 13.859



0, 0.802, 352.008

Previews

White Background



This preview shows how the CIELCh color 44, 18.272, 355.010 looks on a white background.

Color Contrast Check

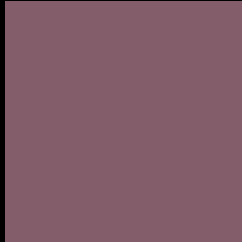
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.272, 355.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

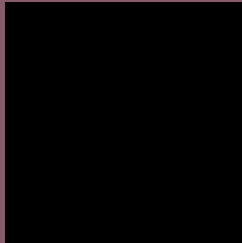
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.272, 355.010

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.272, 355.010.



This preview shows how white text looks on a background with the CIELCh color 44, 18.272, 355.010.

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, 18.272, 355.010

Protanopia

44, 5.400, 286.738

Deuteranopia

44, 6.185, 351.324



Tritanopia
44, 16.334, 7.012

Trichromacy



Original Color
44, 18.272, 355.010

Protanomaly
44, 8.753, 331.745

Deuteranomaly
44, 10.736, 354.503

Tritanomaly
44, 16.563, 2.979

Monochromacy



Original Color
44, 18.272, 355.010

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 6.932, 354.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.272, 355.010 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(132, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(132, 93, 107)  
}
```

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(132, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 93, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.272, 355.010 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(132, 93, 107) }
```

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

```
.border{ border-color:rgb(132, 93, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 93, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 93, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 93, 107);  
box-shadow:4px 4px 4px 4px rgb(132, 93,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.272, 355.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 93, 107) }
```

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

```
.background{ background-color: rgb(132, 93,  
107) }
```

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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