

Converting Colors

CIELCh(45, 15.357, 339.444)

Have a look what the booklet for
CIELCh(45, 15.357, 339.444)
contains.

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Color

CIELCh(45, 15.632, 338.285)

Conversions

Conversions Part 1

Format	Color
Hex	7E6274
RGB	126, 98, 116
RGB Percent	49%, 38%, 45%
CMY	0.5043, 0.6142, 0.5436
CMYK	0.00, 0.22, 0.08, 0.50
HSL	321°, 12%, 44%
HSV	321°, 22%, 50%
XYZ	16.2405, 14.5417, 18.5919
YIQ	108.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

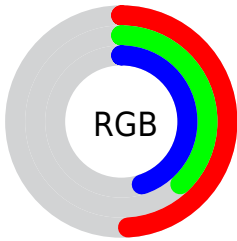
Format	Color
R _Y B	126, 98, 116
Decimal	8282740
CIE Lab	45.00, 14.52, -5.78
CIE LCh	45, 15.632, 338.285
Yxy	14.5417, 0.3289, 0.2945
Android (android.graphics.Color)	4286472820 (0xFF7E6274)
YUV	108.4240, 3.7350, 15.4142
Hunter-Lab	38.1336, 9.2867, -2.2131

Details

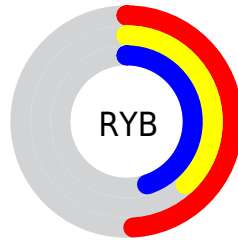
The CIELCh color $45, 15.632, 338.285$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 15.439, 155.018$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 15.563, 338.333$, and $25, 15.962, 338.553$ is the 20% darker color. If you saturate the color by 10%, you get $42, 22.715, 339.107$, and if you desaturate by 10%, it is $49, 8.527, 337.518$.

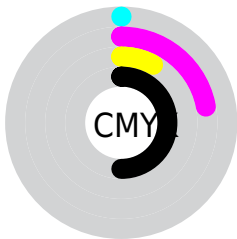
Distribution



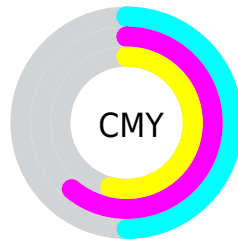
- Red (49%)
- Green (38%)
- Blue (45%)



- Red (49%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (50%)





- Cyan (50%)
- Magenta (61%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 15.632, 338.285 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 45, 15.632, 338.285 by changing the saturation by 10% instead.


 45, 15.632,
338.285


 45, 15.632,
338.285


 100, 15.632,
338.285


 35, 15.632,
338.285

 65, 15.632,
338.285


 25, 15.632,
338.285

 75, 15.632,
338.285

 15, 15.632,
338.285

 85, 15.632,
338.285

 5, 15.632, 338.285

 95, 15.632,
338.285

 0, 15.632, 338.285

 45, 15.632,

 45, 15.632,

338.285

42, 22.715,
339.107

38, 29.624,
340.001

35, 36.137,
340.991

33, 41.972,
342.109

31, 46.805,
343.404

29, 50.325,
344.945

28, 52.331,
346.818

27, 53.381,
348.414

338.285

49, 8.527, 337.518

52, 1.507, 336.676

56, 5.364, 156.236

60, 12.051,
155.594

63, 18.540,
155.010

67, 24.826,
154.464

71, 30.913,
153.952

75, 36.812,
153.472

78, 42.532,

Harmonies

Complementary

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



45, 15.632, 338.285



50, 15.439, 155.018

Rectangle

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



45, 15.632, 338.285



45, 15.632, 28.285



45, 15.632, 158.285



45, 15.632, 208.285

Sweetspot

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



45, 15.630, 338.286



64, 6.022, 337.139



44, 17.329, 304.915



33, 3.894, 337.172



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



45, 15.630, 338.286



55, 23.500, 338.726



45, 12.169, 9.233



25, 3.969, 337.288



27, 53.707, 348.438



0, 0.000, 0.000

Inverse Universe

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



45, 15.630, 338.286



55, 23.500, 338.726



51, 11.015, 185.346



25, 3.969, 337.288



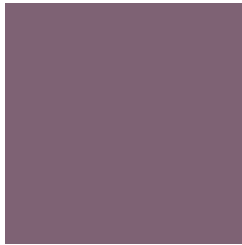
27, 53.707, 348.438



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 45, 15.632, 338.285 looks on a white background.

Color Contrast Check

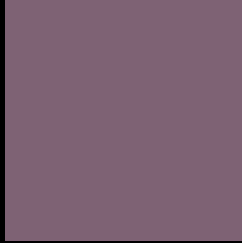
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 45, 15.632, 338.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

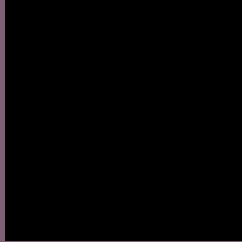
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 15.632, 338.285

Background



This preview shows how black text looks on a background with the CIELCh color 45, 15.632, 338.285.



This preview shows how white text looks on a background with the CIELCh color 45, 15.632, 338.285.

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
45, 15.632, 338.285

Protanopia
45, 8.970, 286.496

Deuteranopia
45, 7.535, 319.740



Tritanopia
45, 11.463, 356.500

Trichromacy



Original Color
45, 15.632, 338.285

Protanomaly
45, 10.253, 311.766

Deuteranomaly
45, 10.595, 328.785

Tritanomaly
45, 13.241, 348.659

Monochromacy



Original Color
45, 15.632, 338.285

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.858, 334.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 15.632, 338.285 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(126, 98, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 98, 116)  
}
```

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(126, 98, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 98, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 15.632, 338.285 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(126, 98, 116) }
```

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

```
.border{ border-color:rgb(126, 98, 116) }
```

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

Here you see how a box with a 4 pixel rgb(126, 98, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 98, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 98, 116);  
box-shadow:4px 4px 4px 4px rgb(126, 98,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 15.632, 338.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 98, 116) }
```

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

```
.background{ background-color: rgb(126, 98,  
116) }
```

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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