

Converting Colors

CIELCh(45, 15.334, 336.658)

Have a look what the booklet for
CIELCh(45, 15.334, 336.658)
contains.

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Color

CIELCh(45, 15.035, 335.997)

Conversions

Conversions Part 1

Format	Color
Hex	7D6375
RGB	125, 99, 117
RGB Percent	49%, 39%, 46%
CMY	0.5102, 0.6121, 0.5415
CMYK	0.00, 0.21, 0.06, 0.51
HSL	318°, 12%, 44%
HSV	318°, 21%, 49%
XYZ	16.1026, 14.5417, 18.7594
YIQ	108.8260, 9.7180, 11.1100

Conversions

Conversions Part 2

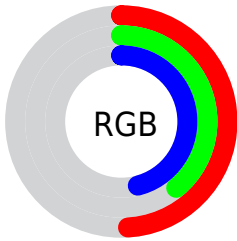
Format	Color
R_{YB}	125, 99, 117
Decimal	8217461
CIE Lab	45.00, 13.73, -6.12
CIE LCh	45, 15.035, 335.997
Yxy	14.5417, 0.3259, 0.2943
Android (android.graphics.Color)	4286407541 (0xFF7D6375)
YUV	108.8260, 4.0298, 14.1846
Hunter-Lab	38.1336, 8.6409, -2.4736

Details

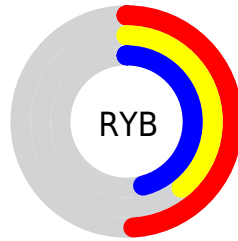
The CIELCh color $45, 15.035, 335.997$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 14.905, 153.098$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 14.999, 336.248$, and $25, 15.328, 335.974$ is the 20% darker color. If you saturate the color by 10%, you get $42, 22.287, 336.751$, and if you desaturate by 10%, it is $48, 7.765, 335.282$.

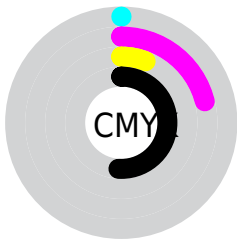
Distribution



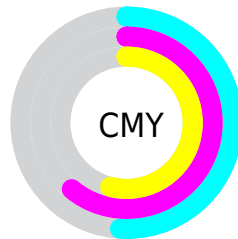
- Red (49%)
- Green (39%)
- Blue (46%)



- Red (49%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (51%)





- Cyan (51%)
- Magenta (61%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 15.035, 335.997 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, 15.035, 335.997 by changing the saturation by 10% instead.


 45, 15.035,
335.997


 45, 15.035,
335.997


 100, 15.035,
335.997


 35, 15.035,
335.997

 65, 15.035,
335.997


 25, 15.035,
335.997

 75, 15.035,
335.997

 15, 15.035,
335.997


 85, 15.035,
335.997

 5, 15.035, 335.997

 95, 15.035,
335.997

 0, 15.035, 335.997

 45, 15.035,

 45, 15.035,

335.997

335.997

42, 22.287,
336.751

48, 7.765, 335.282

38, 29.372,
337.555

52, 0.582, 334.238

56, 6.452, 154.068

36, 36.076,
338.427

59, 13.303,
153.461

33, 42.122,
339.387

63, 19.954,
152.902

31, 47.190,
340.468

67, 26.403,
152.377

29, 50.966,
341.720

71, 32.652,
151.883

28, 53.227,
343.204

74, 38.711,
151.418

27, 54.489,
344.710

78, 44.590,

150.980

Harmonies

Complementary

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



45, 15.035, 335.997



50, 14.905, 153.098

Rectangle

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



45, 15.035, 335.997



45, 15.035, 25.997



45, 15.035, 155.997



45, 15.035, 205.997

Sweetspot

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



45, 15.033, 335.998



64, 5.344, 334.945



43, 15.977, 303.072



33, 3.528, 334.982



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, 15.033, 335.998



56, 22.504, 336.353



45, 11.407, 5.256



24, 3.973, 335.157



27, 54.502, 344.711



56, 90.830, 345.902

Inverse Universe

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



45, 15.033, 335.998



56, 22.504, 336.353



50, 10.525, 181.467



24, 3.973, 335.157



27, 54.502, 344.711



56, 90.830, 345.902

Previews

White Background



This preview shows how the CIELCh color 45, 15.035, 335.997 looks on a white background.

Color Contrast Check

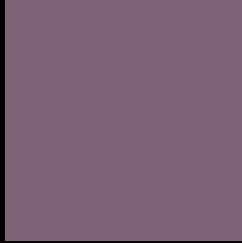
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.035, 335.997 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, 15.035, 335.997

Background



This preview shows how black text looks on a background with the CIELCh color 45, 15.035, 335.997.



This preview shows how white text looks on a background with the CIELCh color 45, 15.035, 335.997.

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, 15.035, 335.997

Protanopia

45, 8.970, 286.496

Deuteranopia

45, 8.059, 317.698



Tritanopia
45, 11.080, 355.519

Trichromacy



Original Color
45, 15.035, 335.997

Protanomaly
45, 10.812, 310.681

Deuteranomaly
45, 10.354, 326.958

Tritanomaly
45, 11.878, 347.626

Monochromacy



Original Color
45, 15.035, 335.997

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, 15.035, 335.997 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(125, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(125, 99, 117)  
}
```

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(125, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 99, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 15.035, 335.997 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(125, 99, 117) }
```

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

```
.border{ border-color:rgb(125, 99, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 99, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 99, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 99, 117);  
box-shadow:4px 4px 4px 4px rgb(125, 99,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 15.035, 335.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 99, 117) }
```

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

```
.background{ background-color: rgb(125, 99,  
117) }
```

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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