

Converting Colors

CIELCh(45, 16.744, 330.165)

Have a look what the booklet for
CIELCh(45, 16.744, 330.165)
contains.

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Color

CIELCh(45, 16.744, 330.165)

Conversions

Conversions Part 1

Format	Color
Hex	7D6379
RGB	125, 99, 121
RGB Percent	49%, 39%, 47%
CMY	0.5115, 0.6134, 0.5272
CMYK	0.00, 0.21, 0.03, 0.51
HSL	309°, 12%, 44%
HSV	309°, 21%, 49%
XYZ	16.2409, 14.5417, 19.9016
YIQ	109.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

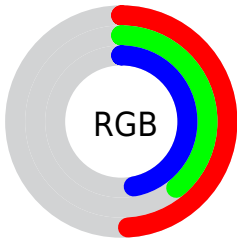
Format	Color
R_{YB}	125, 99, 121
Decimal	8217465
CIE Lab	45.00, 14.52, -8.33
CIE LCh	45, 16.744, 330.165
Yxy	14.5417, 0.3204, 0.2869
Android (android.graphics.Color)	4286407545 (0xFF7D6379)
YUV	109.2820, 5.7770, 13.7847
Hunter-Lab	38.1336, 9.2884, -4.2494

Details

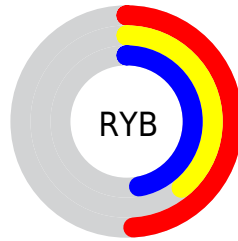
The CIELCh color $45, 16.744, 330.165$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 16.697, 147.607$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 16.590, 330.732$, and $25, 16.710, 331.147$ is the 20% darker color. If you saturate the color by 10%, you get $42, 24.759, 330.772$, and if you desaturate by 10%, it is $48, 8.679, 329.564$.

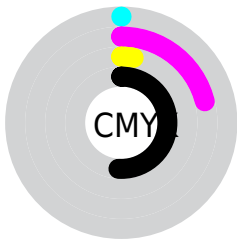
Distribution



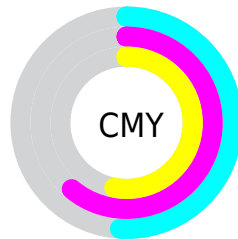
- Red (49%)
- Green (39%)
- Blue (47%)



- Red (49%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (51%)





- Cyan (51%)
- Magenta (61%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 16.744, 330.165 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, 16.744, 330.165 by changing the saturation by 10% instead.


 45, 16.744,
330.165


 45, 16.744,
330.165


 100, 16.744,
330.165


 35, 16.744,
330.165

 65, 16.744,
330.165


 25, 16.744,
330.165

 75, 16.744,
330.165

 15, 16.744,
330.165

 85, 16.744,
330.165

 5, 16.744, 330.165

 95, 16.744,
330.165

 0, 16.744, 330.165

 45, 16.744,

 45, 16.744,

330.165

42, 24.759,
330.772

39, 32.559,
331.384

36, 39.913,
332.001

33, 46.534,
332.621

31, 52.100,
333.246

30, 56.308,
333.887

28, 58.950,
334.559

28, 60.518,
335.192

330.165

48, 8.679, 329.564

52, 0.684, 328.709

56, 7.166, 148.491

59, 14.828,
147.945

63, 22.279,
147.433

67, 29.510,
146.948

70, 36.521,
146.489

74, 43.320,
146.056

78, 49.917,

Harmonies

Complementary

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



45, 16.744, 330.165



50, 16.697, 147.607

Rectangle

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



45, 16.744, 330.165



45, 16.744, 20.165



45, 16.744, 150.165



45, 16.744, 200.165

Sweetspot

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



45, 16.742, 330.165



64, 5.966, 329.274



43, 15.763, 297.757



33, 3.938, 329.305



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, 16.742, 330.165



56, 25.044, 330.453



45, 12.111, 354.567



24, 4.434, 329.455



28, 60.651, 335.194



58, 101.473, 335.635

Inverse Universe

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



45, 16.742, 330.165



56, 25.044, 330.453



50, 11.544, 170.717



24, 4.434, 329.455



28, 60.651, 335.194



58, 101.473, 335.635

Previews

White Background



This preview shows how the CIELCh color 45, 16.744, 330.165 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, 16.744, 330.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

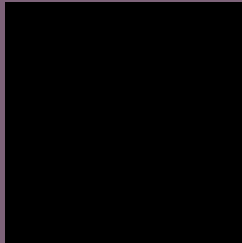
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 16.744, 330.165

Background



This preview shows how black text looks on a background with the CIELCh color 45, 16.744, 330.165.



This preview shows how white text looks on a background with the CIELCh color 45, 16.744, 330.165.

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, 16.744, 330.165

Protanopia

45, 11.369, 286.018

Deuteranopia

45, 9.988, 307.471



Tritanopia
45, 10.307, 353.343

Trichromacy



Original Color
45, 16.744, 330.165

Protanomaly
45, 12.406, 306.312

Deuteranomaly
45, 12.154, 318.756

Tritanomaly
45, 12.527, 343.003

Monochromacy



Original Color
45, 16.744, 330.165

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 6.292, 331.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 16.744, 330.165 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(125, 99, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 99, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 16.744, 330.165 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, 121) }
```

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

```
.border{ border-color:rgb(125, 99, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(125, 99,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 16.744, 330.165 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, 121) }
```

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

```
.background{ background-color: rgb(125, 99,  
121) }
```

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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