

Converting Colors

CIELCh(45, 9.308, 306.112)

Have a look what the booklet for
CIELCh(45, 9.308, 306.112) contains.

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Color

CIELCh(45, 9.308, 306.112)

Conversions

Conversions Part 1

Format	Color
Hex	6E6877
RGB	110, 104, 119
RGB Percent	43%, 41%, 47%
CMY	0.5687, 0.5922, 0.5334
CMYK	0.08, 0.13, 0.00, 0.53
HSL	264°, 7%, 44%
HSV	264°, 13%, 47%
XYZ	14.7048, 14.5417, 19.4782
YIQ	107.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

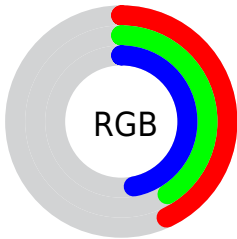
Format	Color
R_{YB}	110, 104, 119
Decimal	7235703
CIE Lab	45.00, 5.49, -7.52
CIE LCh	45, 9.308, 306.112
Yxy	14.5417, 0.3018, 0.2984
Android (android.graphics.Color)	4285425783 (0xFF6E6877)
YUV	107.5040, 5.6675, 2.1890
Hunter-Lab	38.1336, 2.0979, -3.5912

Details

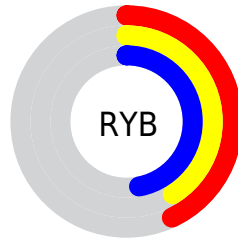
The CIELCh color **45, 9.308, 306.112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 9.121, 124.912**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 9.315, 307.288**, and **25, 9.524, 304.924** is the 20% darker color. If you saturate the color by 10%, you get **41, 16.942, 306.664**, and if you desaturate by 10%, it is **49, 1.899, 305.589**.

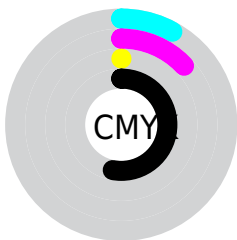
Distribution



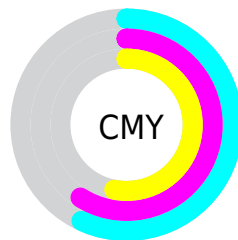
- Red (43%)
- Green (41%)
- Blue (47%)



- Red (43%)
- Yellow (41%)
- Blue (47%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 9.308, 306.112 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, 9.308, 306.112 by changing the saturation by 10% instead.

■ 45, 9.308, 306.112

■ 45, 9.308, 306.112

■ 100, 9.308,
306.112

■ 35, 9.308, 306.112

■ 65, 9.308, 306.112

■ 25, 9.308, 306.112

■ 75, 9.308, 306.112

■ 15, 9.308, 306.112

■ 85, 9.308, 306.112

■ 5, 9.308, 306.112

■ 95, 9.308, 306.112

■ 0, 9.308, 306.112

■ 45, 9.308, 306.112

■ 45, 9.308, 306.112

■ 41, 16.942,
306.664

■ 49, 1.899, 305.589

■ 37, 24.787,

■ 53, 5.278, 125.189

307.268

57, 12.227,
124.792

33, 32.795,
307.912

61, 18.958,
124.449

29, 40.873,
308.574

65, 25.480,
124.150

26, 48.851,
309.214

69, 31.805,
123.890

22, 56.435,
309.766

73, 37.943,
123.666

19, 63.176,
310.133

76, 43.905,
123.472

17, 68.506,
310.194

80, 49.703,
123.307

15, 72.204,
310.280

Harmonies

Complementary

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



45, 9.308, 306.112



49, 9.121, 124.912

Rectangle

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



45, 9.308, 306.112



45, 9.308, 356.112



45, 9.308, 126.112



45, 9.308, 176.112

Sweetspot

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



45, 9.307, 306.110



62, 3.634, 305.671



47, 4.899, 243.244



32, 2.605, 305.705



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



45, 9.307, 306.110



57, 13.850, 306.259



46, 10.428, 321.801



22, 4.085, 305.923



16, 73.712, 310.247



37, 125.787, 309.668

Inverse Universe

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



46, 8.161, 339.516



58, 12.122, 339.735



49, 10.387, 140.637



23, 3.590, 339.234



26, 51.090, 351.706



55, 85.787, 353.539

Previews

White Background



This preview shows how the CIELCh color 45, 9.308, 306.112 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 45, 9.308, 306.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

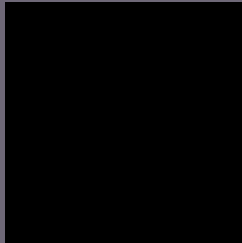
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

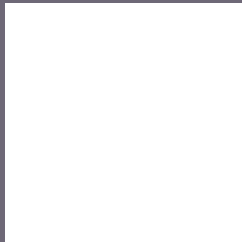
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 9.308, 306.112

Background



This preview shows how black text looks on a background with the CIELCh color 45, 9.308, 306.112.



This preview shows how white text looks on a background with the CIELCh color 45, 9.308, 306.112.

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, 9.308, 306.112

Protanopia

45, 8.377, 286.044

Deuteranopia

45, 9.418, 308.452



Tritanopia
45, 5.065, 309.349

Trichromacy



Original Color

45, 9.308, 306.112

Protanomaly

45, 8.979, 293.916

Deuteranomaly

45, 9.418, 308.452

Tritanomaly

45, 6.207, 305.907

Monochromacy



Original Color

45, 9.308, 306.112

Achromatopsia

45, 0.006, 296.813

Achromatomaly

45, 3.105, 305.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 9.308, 306.112 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(110, 104, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 119)  
}
```

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(110, 104, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 9.308, 306.112 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(110, 104, 119) }
```

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

```
.border{ border-color:rgb(110, 104, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 119);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 9.308, 306.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 119) }
```

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

```
.background{ background-color: rgb(110,  
104, 119) }
```

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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