

Converting Colors

CIELCh(45, 8.356, 307.004)

Have a look what the booklet for
CIELCh(45, 8.356, 307.004) contains.

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Color

CIELCh(45, 8.733, 307.083)

Conversions

Conversions Part 1

Format	Color
Hex	6E6876
RGB	110, 104, 118
RGB Percent	43%, 41%, 46%
CMY	0.5684, 0.5919, 0.5370
CMYK	0.07, 0.12, 0.00, 0.54
HSL	266°, 6%, 44%
HSV	266°, 12%, 46%
XYZ	14.6686, 14.5417, 19.1930
YIQ	107.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

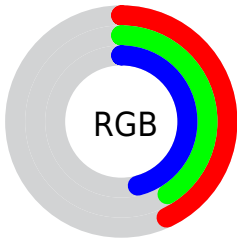
Format	Color
R_{YB}	110, 104, 118
Decimal	7235702
CIE _{Lab}	45.00, 5.27, -6.97
CIE _{LCh}	45, 8.733, 307.083
Yxy	14.5417, 0.3030, 0.3004
Android (android.graphics.Color)	4285425782 (0xFF6E6876)
YUV	107.3900, 5.2307, 2.2890
Hunter-Lab	38.1336, 1.9287, -3.1477

Details

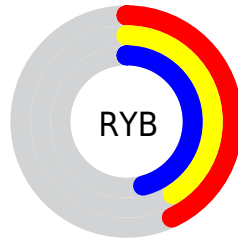
The CIELCh color $45, 8.733, 307.083$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 8.574, 126.004$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 8.783, 308.286$, and $25, 8.885, 305.826$ is the 20% darker color. If you saturate the color by 10%, you get $41, 16.331, 307.606$, and if you desaturate by 10%, it is $49, 1.352, 306.569$.

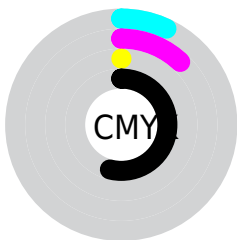
Distribution



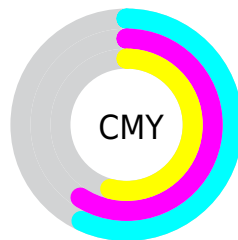
- Red (43%)
- Green (41%)
- Blue (46%)



- Red (43%)
- Yellow (41%)
- Blue (46%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (57%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 8.733, 307.083 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, 8.733, 307.083 by changing the saturation by 10% instead.

■ 45, 8.733, 307.083

■ 45, 8.733, 307.083

■ 100, 8.733,
307.083

■ 35, 8.733, 307.083

■ 65, 8.733, 307.083

■ 25, 8.733, 307.083

■ 75, 8.733, 307.083

■ 15, 8.733, 307.083

■ 85, 8.733, 307.083

■ 5, 8.733, 307.083

■ 95, 8.733, 307.083

■ 0, 8.733, 307.083

■ 45, 8.733, 307.083

■ 45, 8.733, 307.083

■ 41, 16.331,
307.606

■ 49, 1.352, 306.569

■ 37, 24.129,

■ 53, 5.802, 126.205

308.174

57, 12.733,
125.825

33, 32.077,
308.776

61, 19.450,
125.495

30, 40.083,
309.389

65, 25.960,
125.206

26, 47.975,
309.974

68, 32.276,
124.955

23, 55.471,
310.470

72, 38.407,
124.738

20, 62.143,
310.785

76, 44.365,
124.551

17, 67.443,
310.804

80, 50.159,
124.391

16, 71.387,
310.829

Harmonies

Complementary

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



45, 8.733, 307.083



49, 8.574, 126.004

Rectangle

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



45, 8.733, 307.083



45, 8.733, 357.083



45, 8.733, 127.083



45, 8.733, 177.083

Sweetspot

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



45, 8.732, 307.081



61, 3.604, 306.696



47, 4.652, 247.290



31, 2.548, 306.728



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



45, 8.732, 307.081



56, 12.794, 307.207



46, 9.839, 322.723



23, 4.106, 306.940



16, 73.288, 310.787



38, 125.045, 310.192

Inverse Universe

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



46, 7.473, 340.843



57, 10.935, 341.047



48, 9.809, 141.593



23, 3.519, 340.614



26, 50.469, 354.083



54, 84.826, 356.118

Previews

White Background



This preview shows how the CIELCh color 45, 8.733, 307.083 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, 8.733, 307.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

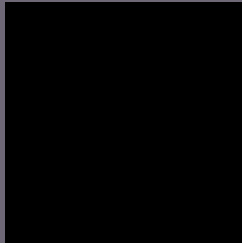
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 8.733, 307.083

Background



This preview shows how black text looks on a background with the CIELCh color 45, 8.733, 307.083.



This preview shows how white text looks on a background with the CIELCh color 45, 8.733, 307.083.

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, 8.733, 307.083

Protanopia

45, 7.762, 288.389

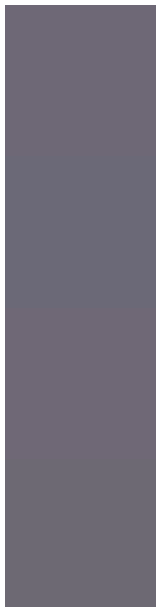
Deuteranopia

45, 8.851, 309.569



Tritanopia
45, 5.065, 309.349

Trichromacy



Original Color

45, 8.733, 307.083

Protanomaly

45, 8.415, 296.683

Deuteranomaly

45, 8.851, 309.569

Tritanomaly

45, 6.207, 305.907

Monochromacy



Original Color

45, 8.733, 307.083

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, 8.733, 307.083 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 8.733, 307.083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

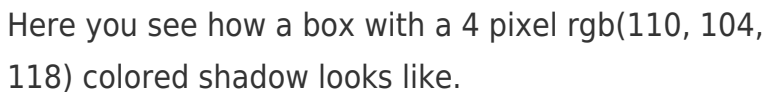
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 104, 118) }
```

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

```
.border{ border-color:rgb(110, 104, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 104, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 104, 118); box-shadow:4px 4px 4px 4px rgb(110, 104, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 8.733, 307.083 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, 118) }
```

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

```
.background{ background-color: rgb(110,  
104, 118) }
```

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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