

Converting Colors

CIELCh(45, 7.937, 351.671)

Have a look what the booklet for
CIELCh(45, 7.937, 351.671) contains.

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Color

CIELCh(45, 8.190, 349.917)

Conversions

Conversions Part 1

Format	Color
Hex	77666D
RGB	119, 102, 109
RGB Percent	47%, 40%, 43%
CMY	0.5332, 0.5998, 0.5724
CMYK	0.00, 0.14, 0.08, 0.53
HSL	335°, 8%, 43%
HSV	335°, 14%, 47%
XYZ	15.1325, 14.5417, 16.4899
YIQ	107.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

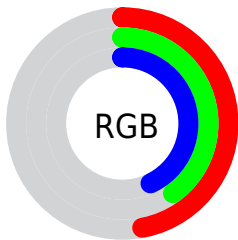
Format	Color
R_{YB}	119, 102, 109
Decimal	7825005
CIE _{Lab}	45.00, 8.06, -1.43
CIE _{LCh}	45, 8.190, 349.917
Yxy	14.5417, 0.3278, 0.3150
Android (android.graphics.Color)	4286015085 (0xFF77666D)
YUV	107.8810, 0.5517, 9.7514
Hunter-Lab	38.1336, 4.1000, 1.0550

Details

The CIELCh color $45, 8.190, 349.917$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 7.982, 167.507$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 7.969, 351.008$, and $25, 8.245, 347.191$ is the 20% darker color. If you saturate the color by 10%, you get $42, 14.092, 350.949$, and if you desaturate by 10%, it is $49, 2.420, 348.935$.

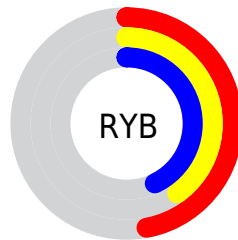
Distribution



Red (47%)

Green (40%)

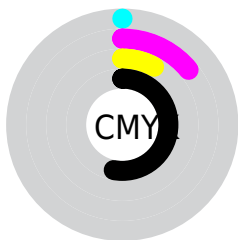
Blue (43%)



Red (47%)

Yellow (40%)

Blue (43%)

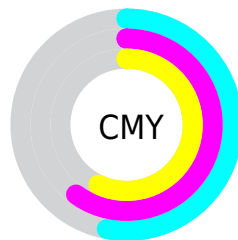


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (53%)



Cyan (53%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 8.190, 349.917 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, 8.190, 349.917 by changing the saturation by 10% instead.

■ 45, 8.190, 349.917

■ 45, 8.190, 349.917

■ 100, 8.190,
349.917

■ 35, 8.190, 349.917

■ 65, 8.190, 349.917

■ 25, 8.190, 349.917

■ 75, 8.190, 349.917

■ 15, 8.190, 349.917

■ 85, 8.190, 349.917

■ 5, 8.190, 349.917

■ 95, 8.190, 349.917

■ 0, 8.190, 349.917

■ 45, 8.190, 349.917

■ 45, 8.190, 349.917

■ 42, 14.092,
350.949

■ 49, 2.420, 348.935

■ 38, 20.052,

■ 52, 3.170, 168.346

352.114

56, 8.561, 167.554

35, 25.942,
353.465

59, 13.749,
166.872

32, 31.579,
355.070

63, 18.739,
166.251

30, 36.721,
357.019

67, 23.539,
165.680

28, 41.100,
359.433

70, 28.165,
165.152

26, 44.475, 2.460

74, 32.628,
164.661

25, 46.799, 6.211

78, 36.942,
164.204

24, 48.099, 8.389

Harmonies

Complementary

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



45, 8.190, 349.917



49, 7.982, 167.507

Rectangle

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



45, 8.190, 349.917



45, 8.190, 39.917



45, 8.190, 169.917



45, 8.190, 219.917

Sweetspot

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



45, 8.188, 349.921



62, 2.815, 348.915



45, 10.953, 312.499



32, 2.018, 348.987



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, 8.188, 349.921



57, 12.186, 350.234



45, 6.661, 27.385



23, 3.165, 349.414



25, 49.071, 8.549



53, 83.511, 11.605

Inverse Universe

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



45, 8.188, 349.921



57, 12.186, 350.234



48, 6.089, 206.706



23, 3.165, 349.414



25, 49.071, 8.549



53, 83.511, 11.605

Previews

White Background



This preview shows how the CIELCh color 45, 8.190, 349.917 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, 8.190, 349.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

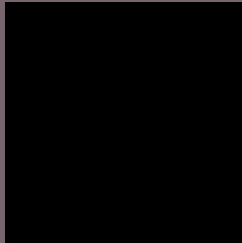
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 8.190, 349.917

Background



This preview shows how black text looks on a background with the CIELCh color 45, 8.190, 349.917.



This preview shows how white text looks on a background with the CIELCh color 45, 8.190, 349.917.

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, 8.190, 349.917

Protanopia

45, 3.020, 298.283

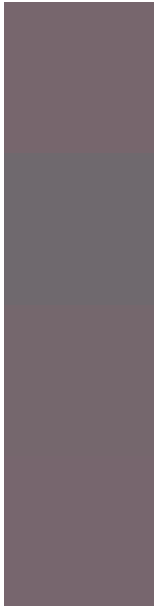
Deuteranopia

45, 6.463, 346.661



Tritanopia
45, 8.493, 346.428

Trichromacy



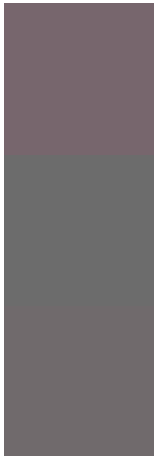
Original Color
45, 8.190, 349.917

Protanomaly
45, 3.882, 329.649

Deuteranomaly
45, 6.813, 348.670

Tritanomaly
45, 8.493, 346.428

Monochromacy



Original Color
45, 8.190, 349.917

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 2.753, 354.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 8.190, 349.917 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(119, 102, 109)` looks like.

```
.text, #text, p{  
    color:rgb(119, 102, 109)  
}
```

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(119, 102, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 102, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 8.190, 349.917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

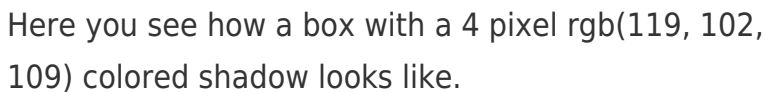
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 102, 109) }
```

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

```
.border{ border-color:rgb(119, 102, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 102, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 102, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 102, 109); box-shadow:4px 4px 4px 4px rgb(119, 102, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 8.190, 349.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 102, 109) }
```

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

```
.background{ background-color: rgb(119,  
102, 109) }
```

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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