

Converting Colors

CIELCh(45, 5.635, 347.703)

Have a look what the booklet for
CIELCh(45, 5.635, 347.703) contains.

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Color

CIELCh(45, 5.441, 346.913)

Conversions

Conversions Part 1

Format	Color
Hex	73686D
RGB	115, 104, 109
RGB Percent	45%, 41%, 43%
CMY	0.5505, 0.5936, 0.5740
CMYK	0.00, 0.10, 0.05, 0.55
HSL	333°, 5%, 43%
HSV	333°, 10%, 45%
XYZ	14.6742, 14.5417, 16.3964
YIQ	107.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

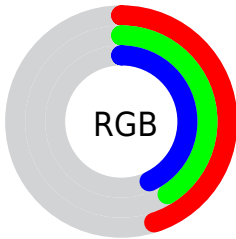
Format	Color
R_{YB}	115, 104, 109
Decimal	7563373
CIE _{Lab}	45.00, 5.30, -1.23
CIE _{LCh}	45, 5.441, 346.913
Yxy	14.5417, 0.3217, 0.3188
Android (android.graphics.Color)	4285753453 (0xFF73686D)
YUV	107.8590, 0.5625, 6.2627
Hunter-Lab	38.1336, 1.9548, 1.2004

Details

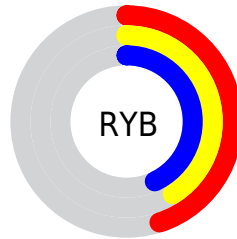
The CIELCh color $45, 5.441, 346.913$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 5.359, 165.445$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 5.399, 348.956$, and $25, 5.620, 344.738$ is the 20% darker color. If you saturate the color by 10%, you get $42, 11.244, 347.859$, and if you desaturate by 10%, it is $48, 0.225, 167.395$.

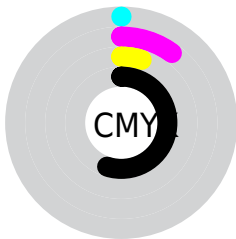
Distribution



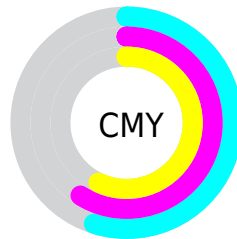
- Red (45%)
- Green (41%)
- Blue (43%)



- Red (45%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 5.441, 346.913 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, 5.441, 346.913 by changing the saturation by 10% instead.

■ 45, 5.441, 346.913

■ 45, 5.441, 346.913

■ 100, 5.441,
346.913

■ 35, 5.441, 346.913

■ 65, 5.441, 346.913

■ 25, 5.441, 346.913

■ 75, 5.441, 346.913

■ 15, 5.441, 346.913

■ 85, 5.441, 346.913

■ 5, 5.441, 346.913

■ 95, 5.441, 346.913

■ 0, 5.441, 346.913

■ 45, 5.441, 346.913

■ 45, 5.441, 346.913

■ 42, 11.244,
347.859

■ 48, 0.225, 167.395

■ 38, 17.125,

■ 52, 5.716, 165.450

348.894

55, 11.019,
164.743

35, 22.978,
350.072

59, 16.131,
164.105

32, 28.647,
351.441

62, 21.058,
163.518

30, 33.918,
353.068

66, 25.809,
162.975

27, 38.531,
355.049

70, 30.397,
162.469

26, 42.221,
357.505

73, 34.834,
161.998

24, 44.794, 0.584

77, 39.132,
161.558

23, 46.751, 4.056

Harmonies

Complementary

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



45, 5.441, 346.913



47, 5.359, 165.445

Rectangle

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



45, 5.441, 346.913



45, 5.441, 36.913



45, 5.441, 166.913



45, 5.441, 216.913

Sweetspot

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



45, 5.440, 346.919



60, 2.081, 346.263



45, 7.012, 310.607



30, 1.568, 346.350



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



45, 5.440, 346.919



56, 8.417, 347.168



45, 4.458, 22.671



22, 3.132, 346.863



24, 48.346, 4.434



53, 82.504, 7.336

Inverse Universe

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



45, 5.440, 346.919



56, 8.417, 347.168



47, 4.207, 201.972



22, 3.132, 346.863



24, 48.346, 4.434



53, 82.504, 7.336

Previews

White Background



This preview shows how the CIELCh color 45, 5.441, 346.913 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, 5.441, 346.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

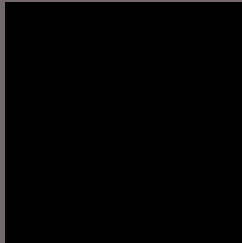
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 5.441, 346.913

Background



This preview shows how black text looks on a background with the CIELCh color 45, 5.441, 346.913.



This preview shows how white text looks on a background with the CIELCh color 45, 5.441, 346.913.

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, 5.441, 346.913

Protanopia

45, 2.431, 300.115

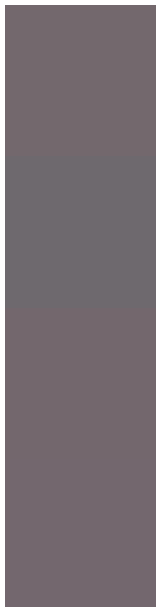
Deuteranopia

45, 6.463, 346.661



Tritanopia
45, 6.874, 336.332

Trichromacy



Original Color
45, 5.441, 346.913

Protanomaly
45, 3.636, 324.631

Deuteranomaly
45, 6.122, 344.437

Tritanomaly
45, 6.481, 340.145

Monochromacy



Original Color
45, 5.441, 346.913

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 2.042, 343.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 5.441, 346.913 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(115, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(115, 104, 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(115, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 104, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 5.441, 346.913 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(115, 104, 109) }
```

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

```
.border{ border-color:rgb(115, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 104, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 104, 109);  
box-shadow:4px 4px 4px 4px rgb(115, 104,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 5.441, 346.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 104, 109) }
```

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

```
.background{ background-color: rgb(115,  
104, 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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