

Converting Colors

CIELCh(45, 7.157, 35.701)

Have a look what the booklet for
CIELCh(45, 7.157, 35.701) contains.

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Color

CIELCh(45, 7.064, 34.722)

Conversions

Conversions Part 1

Format	Color
Hex	776764
RGB	119, 103, 100
RGB Percent	47%, 40%, 39%
CMY	0.5333, 0.5961, 0.6079
CMYK	0.00, 0.13, 0.16, 0.53
HSL	9°, 9%, 43%
HSV	9°, 16%, 47%
XYZ	14.7575, 14.5417, 14.0848
YIQ	107.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

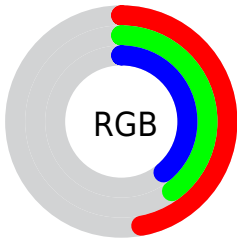
Format	Color
R_{YB}	119, 104, 100
Decimal	7825252
CIE Lab	45.00, 5.81, 4.02
CIE LCh	45, 7.064, 34.722
Yxy	14.5417, 0.3402, 0.3352
Android (android.graphics.Color)	4286015332 (0xFF776764)
YUV	107.4420, -3.6689, 10.1364
Hunter-Lab	38.1336, 2.3445, 4.7944

Details

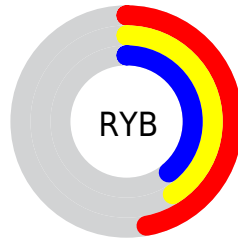
The CIELCh color $45, 7.064, 34.722$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 6.389, 214.969$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 6.893, 33.843$, and $25, 7.026, 36.723$ is the 20% darker color. If you saturate the color by 10%, you get $42, 11.955, 34.944$, and if you desaturate by 10%, it is $48, 2.537, 34.574$.

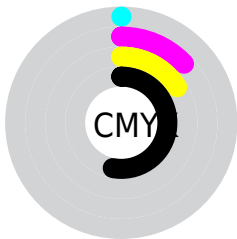
Distribution



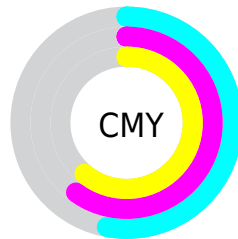
- Red (47%)
- Green (40%)
- Blue (39%)



- Red (47%)
- Yellow (41%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (53%)











- Cyan (53%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.064, 34.722 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, 7.064, 34.722 by changing the saturation by 10% instead.

 45, 7.064, 34.722	 45, 7.064, 34.722
 100, 7.064, 34.722	 35, 7.064, 34.722
 65, 7.064, 34.722	 25, 7.064, 34.722
 75, 7.064, 34.722	 15, 7.064, 34.722
 85, 7.064, 34.722	 5, 7.064, 34.722
 95, 7.064, 34.722	 0, 7.064, 34.722

 45, 7.064, 34.722	 45, 7.064, 34.722
 42, 11.955, 34.944	 48, 2.537, 34.574
 39, 17.234, 35.301	 51, 1.652, 214.980
 36, 22.902, 35.852	 55, 5.536, 214.920

■ 33, 28.938, 36.641

■ 58, 9.148, 215.046

■ 31, 35.275, 37.698

■ 61, 12.518,
215.225

■ 29, 41.773, 39.009

■ 64, 15.676,
215.437

■ 27, 48.140, 40.439

■ 25, 53.450, 41.243

■ 67, 18.646,
215.669

■ 25, 55.318, 41.606

■ 71, 21.453,
215.915

■ 74, 24.114,
216.168

Harmonies

Complementary

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



45, 7.064, 34.722



48, 6.389, 214.969

Rectangle

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



45, 7.064, 34.722



45, 7.064, 84.722



45, 7.064, 214.722



45, 7.064, 264.722

Sweetspot

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



45, 7.063, 34.734



62, 2.639, 34.549



45, 12.358, 329.742



32, 1.818, 34.567



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

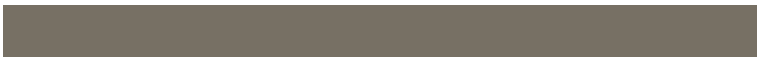
The Same Dimension uses a secret algorithm to generate beautiful new colors.



45, 7.063, 34.734



57, 10.614, 34.795



48, 7.790, 87.828



23, 2.394, 34.635



26, 56.695, 41.754



54, 99.856, 41.982

Inverse Universe

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



48, 6.389, 214.969



61, 9.371, 215.039



45, 7.746, 271.888



24, 2.266, 214.898



40, 25.309, 225.208



78, 42.878, 227.040

Previews

White Background



This preview shows how the CIELCh color 45, 7.064, 34.722 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, 7.064, 34.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

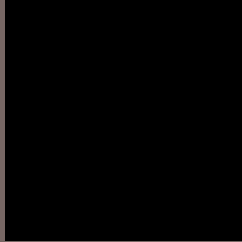
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 7.064, 34.722

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.064, 34.722.



This preview shows how white text looks on a background with the CIELCh color 45, 7.064, 34.722.

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, 7.064, 34.722

Protanopia

45, 2.896, 74.505

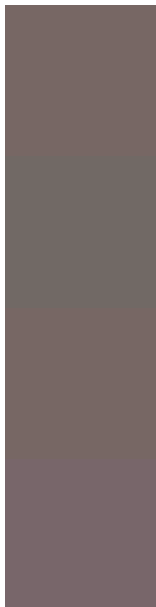
Deuteranopia

45, 7.064, 34.722



Tritanopia
45, 8.553, 351.417

Trichromacy



Original Color
45, 7.064, 34.722

Protanomaly
45, 4.121, 54.829

Deuteranomaly
45, 7.064, 34.722

Tritanomaly
45, 7.904, 2.934

Monochromacy



Original Color
45, 7.064, 34.722

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 2.388, 49.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.064, 34.722 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, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(119, 103, 100)  
}
```

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, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 103, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.064, 34.722 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, 103, 100) }
```

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

```
.border{ border-color:rgb(119, 103, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 103, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 103, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 103, 100);  
box-shadow:4px 4px 4px 4px rgb(119, 103,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.064, 34.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 103, 100) }
```

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

```
.background{ background-color: rgb(119,  
103, 100) }
```

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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