

Converting Colors

CIELCh(44, 7.976, 348.645)

Have a look what the booklet for
CIELCh(44, 7.976, 348.645) contains.

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Color

CIELCh(44, 7.860, 348.308)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 74646B |
| RGB | 116, 100, 107 |
| RGB Percent | 45%, 39%, 42% |
| CMY | 0.5458, 0.6085, 0.5811 |
| CMYK | 0.00, 0.14, 0.08, 0.55 |
| HSL | 334°, 7%, 42% |
| HSV | 334°, 14%, 45% |
| XYZ | 14.3624, 13.8382, 15.7742 |
| YIQ | 105.5820, 7.2890, 5.5690 |

Conversions

Conversions Part 2

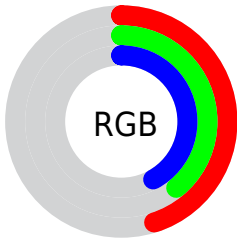
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 116, 100, 107 |
| Decimal | 7627883 |
| CIE Lab | 44.00, 7.70, -1.59 |
| CIE LCh | 44, 7.860, 348.308 |
| Yxy | 13.8382, 0.3266, 0.3147 |
| Android (android.graphics.Color) | 4285817963 (0xFF74646B) |
| YUV | 105.5820, 0.6991, 9.1366 |
| Hunter-Lab | 37.1997, 3.8175, 0.8984 |

Details

The CIELCh color $44, 7.860, 348.308$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 7.687, 166.035$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 7.651, 349.546$, and $24, 8.288, 347.238$ is the 20% darker color. If you saturate the color by 10%, you get $41, 13.702, 349.305$, and if you desaturate by 10%, it is $47, 2.140, 347.342$.

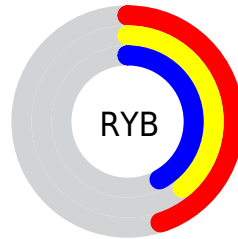
Distribution



Red (45%)

Green (39%)

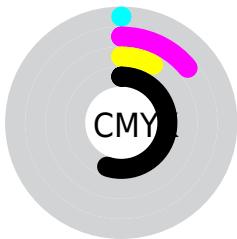
Blue (42%)



Red (45%)

Yellow (39%)

Blue (42%)

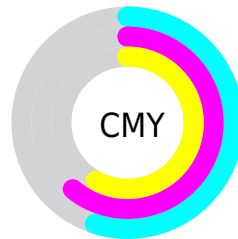


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.860, 348.308 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 44, 7.860, 348.308 by changing the saturation by 10% instead.

■ 44, 7.860, 348.308

■ 44, 7.860, 348.308

■ 100, 7.860,
348.308

■ 34, 7.860, 348.308

■ 64, 7.860, 348.308

■ 24, 7.860, 348.308

■ 74, 7.860, 348.308

■ 14, 7.860, 348.308

■ 84, 7.860, 348.308

■ 4, 7.860, 348.308

■ 94, 7.860, 348.308

■ 0, 7.860, 348.308

■ 44, 7.860, 348.308

■ 44, 7.860, 348.308

■ 41, 13.702,
349.305

■ 47, 2.140, 347.342

■ 37, 19.592,

■ 51, 3.411, 166.773

350.421

54, 8.772, 166.004

34, 25.404,
351.708

58, 13.938,
165.334

32, 30.960,
353.224

62, 18.914,
164.722

29, 36.023,
355.052

65, 23.707,
164.158

27, 40.324,
357.303

69, 28.330,
163.635

25, 43.619, 0.118

72, 32.795,
163.148

24, 45.832, 3.615

76, 37.116,
162.694

23, 47.142, 5.827

Harmonies

Complementary

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



44, 7.860, 348.308



47, 7.687, 166.035

Rectangle

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



44, 7.860, 348.308



44, 7.860, 38.308



44, 7.860, 168.308



44, 7.860, 218.308

Sweetspot

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



44, 7.858, 348.312



61, 2.785, 347.376



44, 10.275, 311.359



31, 1.996, 347.446



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 7.858, 348.312



55, 12.040, 348.661



44, 6.478, 24.372



23, 3.216, 347.865



25, 49.041, 6.133



53, 83.228, 9.053

Inverse Universe

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



44, 7.858, 348.312



55, 12.040, 348.661



47, 5.946, 203.377



23, 3.216, 347.865



25, 49.041, 6.133



53, 83.228, 9.053

Previews

White Background



This preview shows how the CIELCh color 44, 7.860, 348.308 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 44, 7.860, 348.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

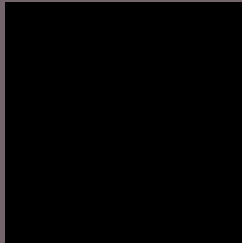
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 7.860, 348.308

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.860, 348.308.



This preview shows how white text looks on a background with the CIELCh color 44, 7.860, 348.308.

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

44, 7.860, 348.308

Protanopia

44, 3.702, 303.321

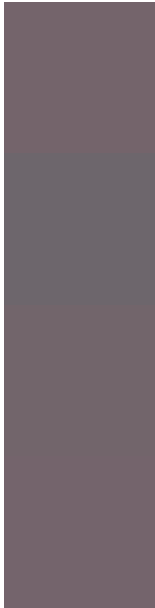
Deuteranopia

44, 6.142, 344.452



Tritanopia
44, 8.180, 344.734

Trichromacy



Original Color

44, 7.860, 348.308

Protanomaly

44, 4.624, 328.929

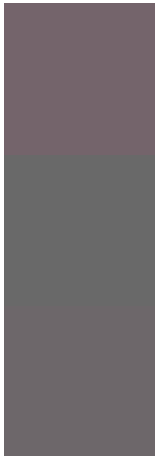
Deuteranomaly

44, 6.484, 346.677

Tritanomaly

44, 8.180, 344.734

Monochromacy



Original Color

44, 7.860, 348.308

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 3.073, 343.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.860, 348.308 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(116, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(116, 100, 107)  
}
```

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(116, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 100, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.860, 348.308 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(116, 100, 107) }
```

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

```
.border{ border-color:rgb(116, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(116, 100,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.860, 348.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 100, 107) }
```

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

```
.background{ background-color: rgb(116,  
100, 107) }
```

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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