

Converting Colors

CIELCh(44, 1.862, 2.570)

Have a look what the booklet for
CIELCh(44, 1.862, 2.570) contains.

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Color

CIELCh(44, 1.768, 359.664)

Conversions

Conversions Part 1

Format	Color
Hex	6B6768
RGB	107, 103, 104
RGB Percent	42%, 40%, 41%
CMY	0.5802, 0.5959, 0.5920
CMYK	0.00, 0.04, 0.03, 0.58
HSL	345°, 2%, 41%
HSV	345°, 4%, 42%
XYZ	13.4244, 13.8382, 15.0720
YIQ	104.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

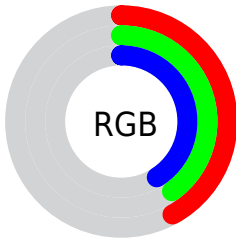
Format	Color
R _Y B	107, 103, 104
Decimal	7038824
CIE Lab	44.00, 1.77, -0.01
CIE LCh	44, 1.768, 359.664
Yxy	13.8382, 0.3171, 0.3269
Android (android.graphics.Color)	4285228904 (0xFF6B6768)
YUV	104.3100, -0.1528, 2.3591
Hunter-Lab	37.1997, -0.6837, 2.0177

Details

The CIELCh color **44, 1.768, 359.664** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 1.741, 179.406**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 1.644, 359.492**, and **24, 1.960, 359.946** is the 20% darker color. If you saturate the color by 10%, you get **41, 6.637, 0.763**, and if you desaturate by 10%, it is **47, 2.885, 179.150**.

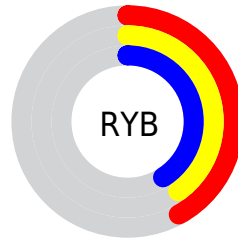
Distribution



Red (42%)

Green (40%)

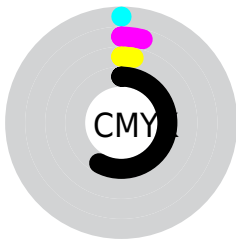
Blue (41%)



Red (42%)

Yellow (40%)

Blue (41%)

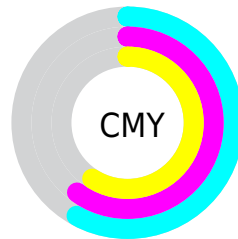


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (58%)



Cyan (58%)

Magenta (60%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 1.768, 359.664 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, 1.768, 359.664 by changing the saturation by 10% instead.

■ 44, 1.768, 359.664

■ 44, 1.768, 359.664

■ 100, 1.768,
359.664

■ 34, 1.768, 359.664

■ 64, 1.768, 359.664

■ 24, 1.768, 359.664

■ 74, 1.768, 359.664

■ 14, 1.768, 359.664

■ 84, 1.768, 359.664

■ 4, 1.768, 359.664

■ 94, 1.768, 359.664

■ 0, 1.768, 359.664

■ 44, 1.768, 359.664

■ 44, 1.768, 359.664

■ 41, 6.637, 0.763

■ 47, 2.885, 179.150

■ 38, 11.706, 1.875

■ 51, 7.317, 178.352

34, 16.928, 3.167

54, 11.537,
177.681

31, 22.223, 4.710

57, 15.557,
177.081

29, 27.462, 6.587

26, 32.474, 8.911

61, 19.393,
176.538

24, 37.058, 11.813

64, 23.062,
176.042

23, 41.040, 15.429

21, 44.405, 19.767

68, 26.580,
175.587

71, 29.961,
175.166

74, 33.218,
174.776

Harmonies

Complementary

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



44, 1.768, 359.664



45, 1.741, 179.406

Rectangle

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



44, 1.768, 359.664



44, 1.768, 49.664



44, 1.768, 179.664



44, 1.768, 229.664

Sweetspot

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



44, 1.767, 359.690



58, 0.589, 358.987



44, 2.710, 317.398



30, 0.338, 358.924



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 1.767, 359.690



57, 2.363, 359.740



44, 1.373, 45.020



21, 1.331, 359.786



23, 49.935, 22.991



52, 88.043, 26.594

Inverse Universe

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



44, 1.767, 359.690



57, 2.363, 359.740



45, 1.349, 225.830



21, 1.331, 359.786



23, 49.935, 22.991



52, 88.043, 26.594

Previews

White Background



This preview shows how the CIELCh color 44, 1.768, 359.664 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, 1.768, 359.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

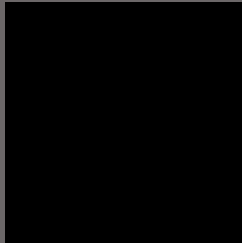
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 1.768, 359.664

Background



This preview shows how black text looks on a background with the CIELCh color 44, 1.768, 359.664.



This preview shows how white text looks on a background with the CIELCh color 44, 1.768, 359.664.

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, 1.768, 359.664

Protanopia

44, 1.385, 353.722

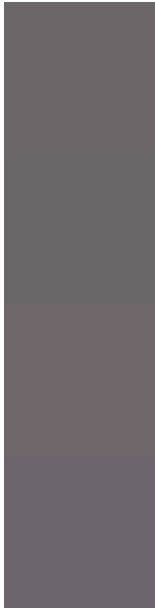
Deuteranopia

44, 5.931, 356.414



Tritanopia
44, 5.409, 317.563

Trichromacy



Original Color

44, 1.768, 359.664

Protanomaly

44, 1.385, 353.722

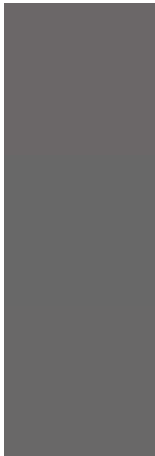
Deuteranomaly

44, 4.156, 354.334

Tritanomaly

44, 4.379, 324.691

Monochromacy



Original Color

44, 1.768, 359.664

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 0.413, 18.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 1.768, 359.664 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(107, 103, 104)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 104)  
}
```

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(107, 103, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 1.768, 359.664 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(107, 103, 104) }
```

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

```
.border{ border-color:rgb(107, 103, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 103, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 104);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 1.768, 359.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 104) }
```

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

```
.background{ background-color: rgb(107,  
103, 104) }
```

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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