

Converting Colors

CIELCh(41, 8.937, 5.874)

Have a look what the booklet for
CIELCh(41, 8.937, 5.874) contains.

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Color

CIELCh(41, 8.769, 8.722)

Conversions

Conversions Part 1

Format	Color
Hex	705C5F
RGB	112, 92, 95
RGB Percent	44%, 36%, 37%
CMY	0.5617, 0.6401, 0.6284
CMYK	0.00, 0.18, 0.15, 0.56
HSL	351°, 10%, 40%
HSV	351°, 18%, 44%
XYZ	12.5130, 11.8645, 12.4011
YIQ	98.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

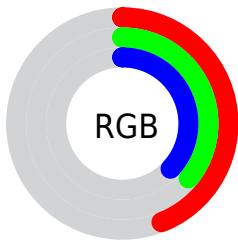
Format	Color
R _Y B	112, 92, 95
Decimal	7363679
CIE Lab	41.00, 8.67, 1.33
CIE LCh	41, 8.769, 8.722
Yxy	11.8645, 0.3402, 0.3226
Android (android.graphics.Color)	4285553759 (0xFF705C5F)
YUV	98.3220, -1.6377, 11.9956
Hunter-Lab	34.4449, 4.5660, 2.7654

Details

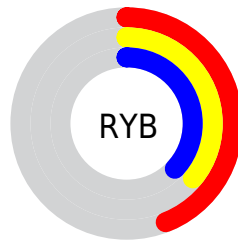
The CIELCh color **41, 8.769, 8.722** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 8.108, 185.741**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.877, 9.373**, and **21, 8.899, 8.374** is the 20% darker color. If you saturate the color by 10%, you get **38, 14.031, 9.896**, and if you desaturate by 10%, it is **44, 3.760, 7.711**.

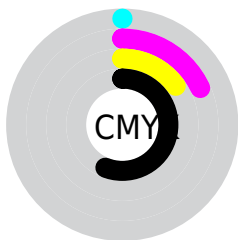
Distribution



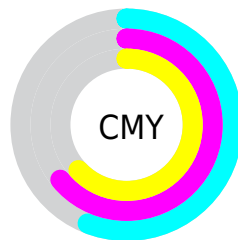
- Red (44%)
- Green (36%)
- Blue (37%)



- Red (44%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.769, 8.722 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 41, 8.769, 8.722 by changing the saturation by 10% instead.

41, 8.769, 8.722

41, 8.769, 8.722

100, 8.769, 8.722

31, 8.769, 8.722

61, 8.769, 8.722

21, 8.769, 8.722

71, 8.769, 8.722

11, 8.769, 8.722

81, 8.769, 8.722

1, 8.769, 8.722

91, 8.769, 8.722

0, 8.769, 8.722

41, 8.769, 8.722

41, 8.769, 8.722

38, 14.031, 9.896

44, 3.760, 7.711

35, 19.507, 11.302

48, 0.977, 187.332

32, 25.112, 13.030

51, 5.445, 186.336

■ 29, 30.715, 15.183

■ 55, 9.661, 185.690

■ 26, 36.145, 17.882

■ 58, 13.642,
185.133

■ 24, 41.219, 21.242

■ 62, 17.410,
184.640

■ 23, 45.797, 25.309

■ 22, 50.058, 29.593

■ 66, 20.986,
184.198

■ 22, 50.961, 30.296

■ 69, 24.391,
183.798

■ 73, 27.642,
183.435

Harmonies

Complementary

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



41, 8.769, 8.722



45, 8.108, 185.741

Rectangle

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



41, 8.769, 8.722



41, 8.769, 58.722



41, 8.769, 188.722



41, 8.769, 238.722

Sweetspot

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



41, 8.768, 8.729



58, 2.935, 7.422



41, 13.967, 321.058



30, 2.021, 7.482



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 8.768, 8.729



51, 12.896, 9.134



43, 7.049, 56.300



22, 2.699, 7.823



24, 53.833, 30.823



52, 94.832, 33.915

Inverse Universe

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



41, 8.768, 8.729



51, 12.896, 9.134



43, 6.477, 239.564



22, 2.699, 7.823



24, 53.833, 30.823



52, 94.832, 33.915

Previews

White Background



This preview shows how the CIELCh color 41, 8.769, 8.722 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 41, 8.769, 8.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

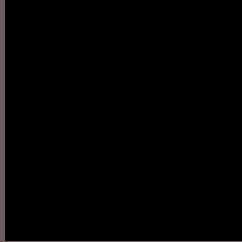
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.769, 8.722

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.769, 8.722.



This preview shows how white text looks on a background with the CIELCh color 41, 8.769, 8.722.

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


41, 8.769, 8.722

Protanopia

41, 1.041, 343.573

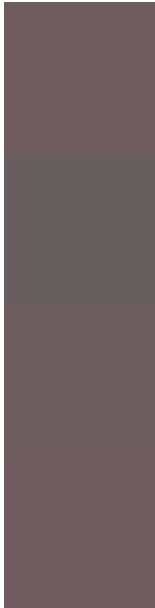
Deuteranopia

41, 5.568, 20.090



Tritanopia
41, 9.860, 355.430

Trichromacy



Original Color

41, 8.769, 8.722

Protanomaly

41, 4.000, 2.263

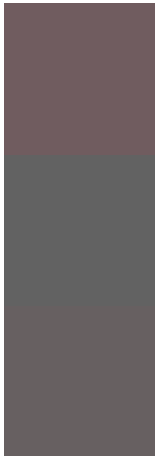
Deuteranomaly

41, 6.896, 15.292

Tritanomaly

41, 9.645, 358.723

Monochromacy



Original Color

41, 8.769, 8.722

Achromatopsia

42, 0.006, 296.813

Achromatomaly

41, 3.014, 8.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.769, 8.722 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(112, 92, 95)` looks like.

```
.text, #text, p{  
    color:rgb(112, 92, 95)  
}
```

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(112, 92, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 92, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.769, 8.722 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(112, 92, 95) }
```

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

```
.border{ border-color:rgb(112, 92, 95) }
```

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

Here you see how a box with a 4 pixel rgb(112, 92, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 92, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 92, 95);  
box-shadow:4px 4px 4px 4px rgb(112, 92,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.769, 8.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 92, 95) }
```

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

```
.background{ background-color: rgb(112, 92,  
95) }
```

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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