

Converting Colors

CIELCh(41, 10.964, 59.070)

Have a look what the booklet for
CIELCh(41, 10.964, 59.070) contains.

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Color

CIELCh(41, 10.896, 57.544)

Conversions

Conversions Part 1

Format	Color
Hex	705D52
RGB	112, 93, 82
RGB Percent	44%, 36%, 32%
CMY	0.5611, 0.6356, 0.6787
CMYK	0.00, 0.17, 0.27, 0.56
HSL	22°, 15%, 38%
HSV	22°, 27%, 44%
XYZ	12.1014, 11.8645, 9.6214
YIQ	97.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

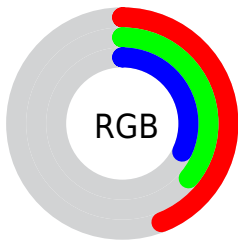
Format	Color
R _Y B	112, 99, 82
Decimal	7363922
CIE Lab	41.00, 5.85, 9.19
CIE LCh	41, 10.896, 57.544
Yxy	11.8645, 0.3603, 0.3532
Android (android.graphics.Color)	4285554002 (0xFF705D52)
YUV	97.4270, -7.6055, 12.7805
Hunter-Lab	34.4449, 2.4328, 7.5502

Details

The CIELCh color $[41, 10.896, 57.544]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[42, 9.604, 242.918]$, and the grayscale version is $[41, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 10.969, 57.664]$, and $[21, 11.236, 57.021]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 15.467, 56.787]$, and if you desaturate by 10%, it is $[43, 6.610, 58.353]$.

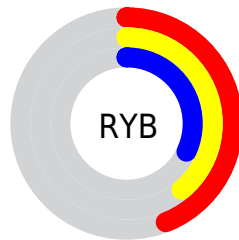
Distribution



Red (44%)

Green (36%)

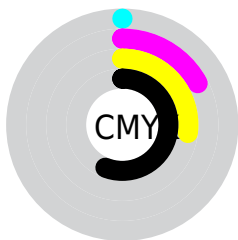
Blue (32%)



Red (44%)

Yellow (39%)

Blue (32%)

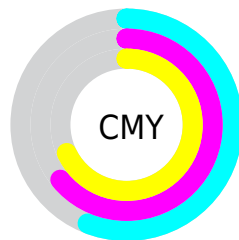


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 10.896, 57.544 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, 10.896, 57.544 by changing the saturation by 10% instead.

■ 41, 10.896, 57.544

■ 41, 10.896, 57.544

■ 100, 10.896,
57.544

■ 31, 10.896, 57.544

■ 61, 10.896, 57.544

■ 21, 10.896, 57.544

■ 71, 10.896, 57.544

■ 11, 10.896, 57.544

■ 81, 10.896, 57.544

■ 1, 10.896, 57.544

■ 91, 10.896, 57.544

■ 0, 10.896, 57.544

■ 41, 10.896, 57.544

■ 41, 10.896, 57.544

■ 39, 15.467, 56.787

■ 43, 6.610, 58.353

■ 37, 20.335, 56.074

■ 46, 2.590, 59.131

■ 34, 25.492, 55.418

■ 48, 1.189, 240.373

■ 32, 30.894, 54.808

■ 50, 4.752, 241.055

■ 31, 36.421, 54.187

■ 53, 8.124, 241.900

■ 29, 41.805, 53.415

■ 55, 11.326,
242.752

■ 27, 46.651, 52.355

■ 58, 14.378,
243.592

■ 27, 48.147, 52.082

■ 60, 17.299,
244.413

■ 62, 20.104,
245.213

Harmonies

Complementary

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



41, 10.896, 57.544



42, 9.604, 242.918

Rectangle

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



41, 10.896, 57.544



41, 10.896, 107.544



41, 10.896, 237.544



41, 10.896, 287.544

Sweetspot

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



41, 10.896, 57.553



58, 3.794, 59.030



39, 17.015, 339.069



30, 2.728, 58.936



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, 10.896, 57.553



51, 16.445, 57.085



45, 15.447, 101.356



22, 2.163, 58.971



29, 51.049, 52.109



59, 89.640, 50.357

Inverse Universe

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



42, 9.604, 242.918



52, 14.031, 243.855



37, 16.098, 287.422



22, 2.083, 240.778



31, 30.756, 265.369



62, 54.608, 268.508

Previews

White Background



This preview shows how the CIELCh color 41, 10.896, 57.544 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, 10.896, 57.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

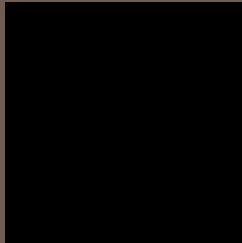
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 10.896, 57.544

Background



This preview shows how black text looks on a background with the CIELCh color 41, 10.896, 57.544.

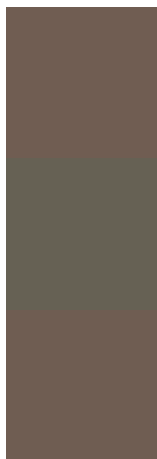


This preview shows how white text looks on a background with the CIELCh color 41, 10.896, 57.544.

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, 10.896, 57.544

Protanopia

41, 8.142, 93.291

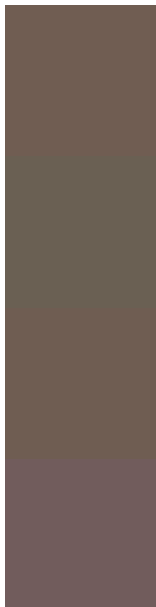
Deuteranopia

41, 10.533, 59.037



Tritanopia
41, 10.644, 357.579

Trichromacy



Original Color

41, 10.896, 57.544

Protanomaly

41, 9.032, 79.496

Deuteranomaly

41, 10.533, 59.037

Tritanomaly

41, 9.127, 20.612

Monochromacy



Original Color

41, 10.896, 57.544

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.518, 62.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 10.896, 57.544 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, 93, 82)` looks like.

```
.text, #text, p{  
    color:rgb(112, 93, 82)  
}
```

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, 93, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 93, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 10.896, 57.544 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, 93, 82) }
```

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

```
.border{ border-color:rgb(112, 93, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 93, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 93, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 93, 82);  
box-shadow:4px 4px 4px 4px rgb(112, 93,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 10.896, 57.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 93, 82) }
```

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

```
.background{ background-color: rgb(112, 93,  
82) }
```

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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