

Converting Colors

CIELCh(41, 42.952, 91.941)

Have a look what the booklet for
CIELCh(41, 42.952, 91.941) contains.

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Color

CIELCh(41, 42.927, 92.164)

Conversions

Conversions Part 1

Format	Color
Hex	716013
RGB	113, 96, 19
RGB Percent	44%, 38%, 7%
CMY	0.5579, 0.6244, 0.9265
CMYK	0.00, 0.15, 0.83, 0.56
HSL	49°, 72%, 26%
HSV	49°, 83%, 44%
XYZ	11.0552, 11.8645, 2.3116
YIQ	92.3050, 34.8490, -20.3430

Conversions

Conversions Part 2

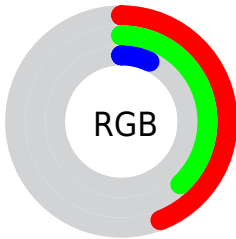
Format	Color
RYB	40, 113, 19
Decimal	7430163
CIELab	41.00, -1.62, 42.90
CIELCh	41, 42.927, 92.164
Yxy	11.8645, 0.4382, 0.4702
Android (android.graphics.Color)	4285620243 (0xFF716013)
YUV	92.3050, -36.1394, 18.1495
Hunter-Lab	34.4449, -2.9888, 20.1325

Details

The CIELCh color **41, 42.927, 92.164** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18, 52.177, 297.706**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 42.650, 91.820**, and **21, 29.832, 90.472** is the 20% darker color. If you saturate the color by 10%, you get **40, 45.680, 90.967**, and if you desaturate by 10%, it is **42, 39.078, 93.331**.

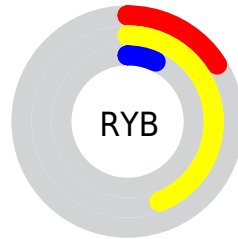
Distribution



Red (44%)

Green (38%)

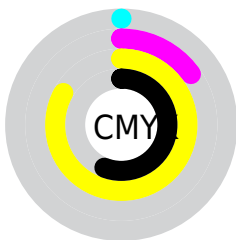
Blue (7%)



Red (16%)

Yellow (44%)

Blue (7%)

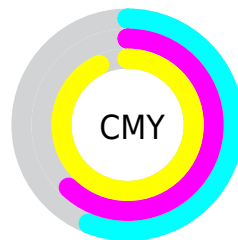


Cyan (0%)

Magenta (15%)

Yellow (83%)

Black (56%)



Cyan (56%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 42.927, 92.164 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, 42.927, 92.164 by changing the saturation by 10% instead.

41, 42.927, 92.164

41, 42.927, 92.164

100, 42.927,
92.164

31, 42.927, 92.164

61, 42.927, 92.164

21, 42.927, 92.164

71, 42.927, 92.164

11, 42.927, 92.164

81, 42.927, 92.164

1, 42.927, 92.164

91, 42.927, 92.164

0, 42.927, 92.164

41, 42.927, 92.164

41, 42.927, 92.164

40, 45.680, 90.967

42, 39.078, 93.331

40, 47.423, 90.202

42, 34.451, 94.483

■ 43, 29.351, 95.631

■ 44, 23.986, 96.775

■ 45, 18.489, 97.909

■ 45, 12.940, 99.026

■ 46, 7.387, 100.116

■ 47, 1.856, 101.144

■ 48, 3.636, 282.254

Harmonies

Complementary

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



41, 42.927, 92.164



18, 52.177, 297.706

Rectangle

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



41, 42.927, 92.164



41, 42.927, 142.164



41, 42.927, 272.164



41, 42.927, 322.164

Sweetspot

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



41, 42.927, 92.167



58, 17.044, 98.776



24, 43.513, 20.841



30, 11.723, 98.473



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, 42.927, 92.167



51, 56.825, 89.832



44, 50.875, 119.250



23, 3.087, 100.581



42, 49.508, 90.106



83, 84.136, 89.266

Inverse Universe

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



18, 52.177, 297.706



19, 77.328, 302.572



17, 61.529, 308.351



22, 3.124, 282.563



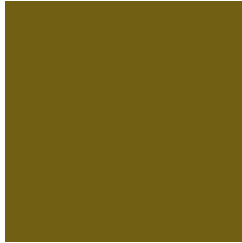
15, 66.180, 302.081



35, 118.398, 303.472

Previews

White Background



This preview shows how the CIELCh color 41, 42.927, 92.164 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, 42.927, 92.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

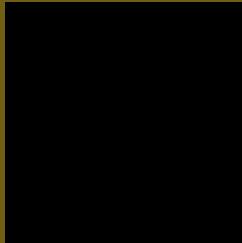
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 42.927, 92.164

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.927, 92.164.



This preview shows how white text looks on a background with the CIELCh color 41, 42.927, 92.164.

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, 42.927, 92.164

Protanopia

41, 42.834, 95.566

Deuteranopia

41, 42.746, 83.025



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 42.927, 92.164

Protanomaly
41, 42.919, 94.902

Deuteranomaly
41, 42.722, 85.829

Tritanomaly
41, 18.456, 68.367

Monochromacy



Original Color
41, 42.927, 92.164

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 17.242, 96.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.927, 92.164 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(113, 96, 19)` looks like.

```
.text, #text, p{  
    color:rgb(113, 96, 19)  
}
```

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(113, 96, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 96, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.927, 92.164 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(113, 96, 19) }
```

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

```
.border{ border-color:rgb(113, 96, 19) }
```

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

Here you see how a box with a 4 pixel rgb(113, 96, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 96, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 96, 19);  
box-shadow:4px 4px 4px 4px rgb(113, 96,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.927, 92.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 96, 19) }
```

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

```
.background{ background-color: rgb(113, 96,  
19) }
```

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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