

Converting Colors

CIELCh(41, 41.164, 91.202)

Have a look what the booklet for
CIELCh(41, 41.164, 91.202) contains.

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Color

CIELCh(41, 41.164, 91.202)

Conversions

Conversions Part 1

Format	Color
Hex	715F17
RGB	113, 95, 23
RGB Percent	44%, 37%, 9%
CMY	0.5551, 0.6258, 0.9080
CMYK	0.00, 0.16, 0.79, 0.56
HSL	48°, 66%, 27%
HSV	48°, 79%, 44%
XYZ	11.1584, 11.8645, 2.5366
YIQ	92.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

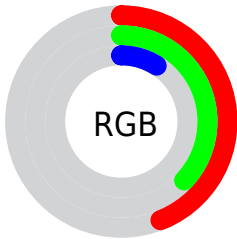
Format	Color
RYB	46, 113, 23
Decimal	7429911
CIELab	41.00, -0.86, 41.15
CIElCh	41, 41.164, 91.202
Yxy	11.8645, 0.4366, 0.4642
Android (android.graphics.Color)	4285619991 (0xFF715F17)
YUV	92.1740, -34.1028, 18.2644
Hunter-Lab	34.4449, -2.4538, 19.7452

Details

The CIELCh color **41, 41.164, 91.202** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20, 48.359, 295.675**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 41.353, 90.896**, and **21, 29.483, 89.205** is the 20% darker color. If you saturate the color by 10%, you get **40, 44.415, 89.933**, and if you desaturate by 10%, it is **42, 36.934, 92.425**.

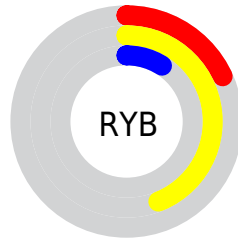
Distribution



Red (44%)

Green (37%)

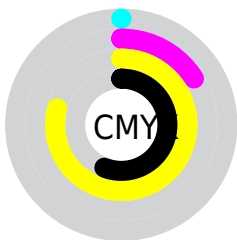
Blue (9%)



Red (18%)

Yellow (44%)

Blue (9%)

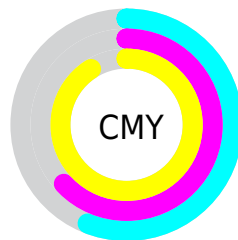


Cyan (0%)

Magenta (16%)

Yellow (79%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 41.164, 91.202 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, 41.164, 91.202 by changing the saturation by 10% instead.

41, 41.164, 91.202 41, 41.164, 91.202

100, 41.164, 91.202 31, 41.164, 91.202

61, 41.164, 91.202 21, 41.164, 91.202

71, 41.164, 91.202 11, 41.164, 91.202

81, 41.164, 91.202 1, 41.164, 91.202

91, 41.164, 91.202 0, 41.164, 91.202

41, 41.164, 91.202 41, 41.164, 91.202

40, 44.415, 89.933 42, 36.934, 92.425

40, 46.997, 88.651 43, 32.083, 93.623

■ 40, 47.191, 88.570

■ 43, 26.876, 94.807

■ 44, 21.485, 95.978

■ 45, 16.015, 97.132

■ 46, 10.528, 98.262

■ 47, 5.060, 99.356

■ 48, 0.370, 280.728

■ 49, 5.752, 281.499

Harmonies

Complementary

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



41, 41.164, 91.202



20, 48.359, 295.675

Rectangle

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



41, 41.164, 91.202



41, 41.164, 141.202



41, 41.164, 271.202



41, 41.164, 321.202

Sweetspot

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



41, 41.164, 91.205



58, 16.271, 97.666



25, 41.530, 16.598



30, 11.113, 97.353



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, 41.164, 91.205



51, 55.841, 88.824



44, 49.107, 117.690



23, 3.023, 99.392



42, 49.048, 88.473



82, 83.352, 87.517

Inverse Universe

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



20, 48.359, 295.675



22, 73.027, 300.758



18, 59.405, 307.443



22, 3.055, 281.409



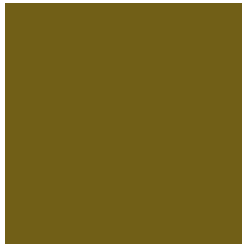
16, 64.715, 301.393



36, 116.075, 302.885

Previews

White Background



This preview shows how the CIELCh color 41, 41.164, 91.202 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 41, 41.164, 91.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

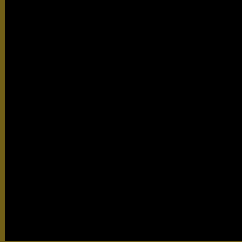
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 41.164, 91.202

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.164, 91.202.



This preview shows how white text looks on a background with the CIELCh color 41, 41.164, 91.202.

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, 41.164, 91.202

Protanopia

41, 40.965, 95.505

Deuteranopia

41, 41.209, 82.527



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 41.164, 91.202

Protanomaly
41, 40.833, 93.334

Deuteranomaly
41, 41.210, 85.443

Tritanomaly
41, 17.495, 66.191

Monochromacy



Original Color
41, 41.164, 91.202

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 15.950, 97.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.164, 91.202 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, 95, 23)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 23)  
}
```

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, 95, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.164, 91.202 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, 95, 23) }
```

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

```
.border{ border-color:rgb(113, 95, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 95, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 23);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.164, 91.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 23) }
```

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

```
.background{ background-color: rgb(113, 95,  
23) }
```

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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