

Converting Colors

CIELCh(41, 36.259, 89.063)

Have a look what the booklet for
CIELCh(41, 36.259, 89.063) contains.

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Color

CIELCh(41, 36.058, 89.535)

Conversions

Conversions Part 1

Format	Color
Hex	725F23
RGB	114, 95, 35
RGB Percent	45%, 37%, 14%
CMY	0.5533, 0.6277, 0.8630
CMYK	0.00, 0.17, 0.69, 0.55
HSL	46°, 53%, 29%
HSV	46°, 69%, 45%
XYZ	11.3172, 11.8645, 3.2782
YIQ	93.8410, 30.5840, -14.6320

Conversions

Conversions Part 2

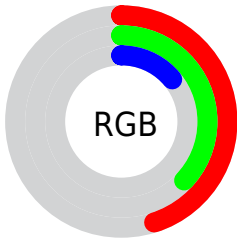
Format	Color
R_{YB}	60, 114, 35
Decimal	7495459
CIE Lab	41.00, 0.29, 36.06
CIE LCh	41, 36.058, 89.535
Yxy	11.8645, 0.4277, 0.4484
Android (android.graphics.Color)	4285685539 (0xFF725F23)
YUV	93.8410, -29.0086, 17.6794
Hunter-Lab	34.4449, -1.6307, 18.4686

Details

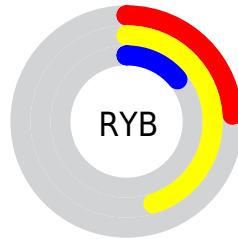
The CIELCh color **41, 36.058, 89.535** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24, 39.551, 290.776**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 35.868, 89.483**, and **21, 29.864, 87.113** is the 20% darker color. If you saturate the color by 10%, you get **40, 40.326, 88.199**, and if you desaturate by 10%, it is **42, 31.224, 90.824**.

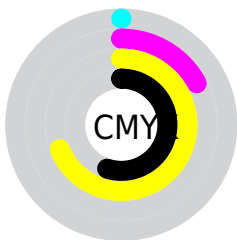
Distribution



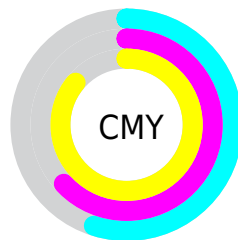
- Red (45%)
- Green (37%)
- Blue (14%)



- Red (24%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (17%)
- Yellow (69%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 36.058, 89.535 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, 36.058, 89.535 by changing the saturation by 10% instead.

41, 36.058, 89.535

41, 36.058, 89.535

100, 36.058,
89.535

31, 36.058, 89.535

61, 36.058, 89.535

21, 36.058, 89.535

71, 36.058, 89.535

11, 36.058, 89.535

81, 36.058, 89.535

1, 36.058, 89.535

91, 36.058, 89.535

0, 36.058, 89.535

41, 36.058, 89.535

41, 36.058, 89.535

40, 40.326, 88.199

42, 31.224, 90.824

39, 43.661, 86.759

43, 26.083, 92.077

■ 38, 46.370, 85.287

■ 44, 20.800, 93.305

■ 38, 46.573, 85.197

■ 45, 15.472, 94.508

■ 46, 10.153, 95.679

■ 47, 4.874, 96.809

■ 48, 0.351, 278.281

■ 49, 5.513, 279.026

■ 50, 10.612,
280.037

Harmonies

Complementary

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



41, 36.058, 89.535



24, 39.551, 290.776

Rectangle

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



41, 36.058, 89.535



41, 36.058, 139.535



41, 36.058, 269.535



41, 36.058, 319.535

Sweetspot

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



41, 36.058, 89.538



58, 13.672, 95.424



27, 36.924, 10.572



30, 9.203, 95.184



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, 36.058, 89.538



51, 51.195, 87.379



45, 44.277, 116.255



23, 2.898, 96.848



40, 48.269, 85.084



79, 82.060, 83.890

Inverse Universe

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



24, 39.551, 290.776



27, 59.973, 295.443



21, 52.419, 305.865



22, 2.922, 278.934



17, 61.597, 299.829



38, 110.958, 301.515

Previews

White Background



This preview shows how the CIELCh color 41, 36.058, 89.535 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, 36.058, 89.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

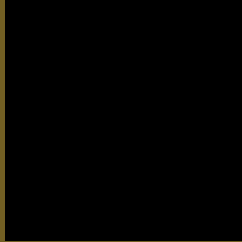
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 36.058, 89.535

Background



This preview shows how black text looks on a background with the CIELCh color 41, 36.058, 89.535.



This preview shows how white text looks on a background with the CIELCh color 41, 36.058, 89.535.

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, 36.058, 89.535

Protanopia

41, 35.543, 95.950

Deuteranopia

41, 36.152, 81.280



Tritanopia
41, 13.537, 3.286

Trichromacy



Original Color
41, 36.058, 89.535

Protanomaly
41, 35.378, 93.472

Deuteranomaly
41, 35.733, 84.448

Tritanomaly
41, 16.033, 59.898

Monochromacy



Original Color
41, 36.058, 89.535

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 13.111, 94.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 36.058, 89.535 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(114, 95, 35)` looks like.

```
.text, #text, p{  
    color:rgb(114, 95, 35)  
}
```

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(114, 95, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 95, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 36.058, 89.535 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(114, 95, 35) }
```

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

```
.border{ border-color:rgb(114, 95, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 95, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 95, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 95, 35);  
box-shadow:4px 4px 4px 4px rgb(114, 95,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 36.058, 89.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 95, 35) }
```

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

```
.background{ background-color: rgb(114, 95,  
35) }
```

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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