

Converting Colors

CIELCh(41, 59.160, 13.244)

Have a look what the booklet for
CIELCh(41, 59.160, 13.244) contains.

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Color

CIELCh(41, 59.145, 13.403)

Conversions

Conversions Part 1

Format	Color
Hex	B5274D
RGB	181, 39, 77
RGB Percent	71%, 15%, 30%
CMY	0.2892, 0.8459, 0.6973
CMYK	0.00, 0.78, 0.57, 0.29
HSL	344°, 64%, 43%
HSV	344°, 78%, 71%
XYZ	21.1991, 11.8645, 8.2311
YIQ	85.7900, 72.4340, 41.9220

Conversions

Conversions Part 2

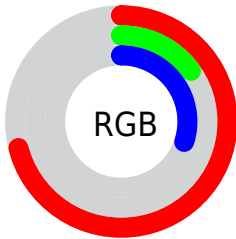
Format	Color
R_{YB}	181, 39, 77
Decimal	11872077
CIE Lab	41.00, 57.53, 13.71
CIE LCh	41, 59.145, 13.403
Yxy	11.8645, 0.5134, 0.2873
Android (android.graphics.Color)	4290062157 (0xFFB5274D)
YUV	85.7900, -4.3335, 83.4992
Hunter-Lab	34.4449, 49.5792, 9.9432

Details

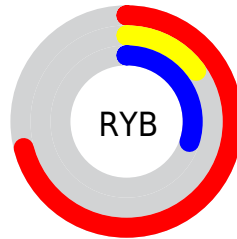
The CIELCh color **41, 59.145, 13.403** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **66, 46.307, 168.787**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 59.122, 13.150**, and **24, 50.356, 20.498** is the 20% darker color. If you saturate the color by 10%, you get **39, 64.160, 17.881**, and if you desaturate by 10%, it is **44, 52.985, 9.802**.

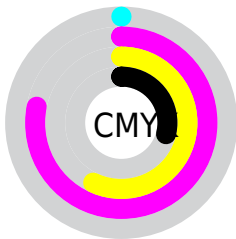
Distribution



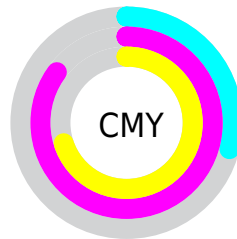
- Red (71%)
- Green (15%)
- Blue (30%)



- Red (71%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 59.145, 13.403 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, 59.145, 13.403 by changing the saturation by 10% instead.

 41, 59.145, 13.403

 41, 59.145, 13.403

 100, 59.145,
13.403

 31, 59.145, 13.403

 61, 59.145, 13.403

 21, 59.145, 13.403

 71, 59.145, 13.403

 11, 59.145, 13.403

 81, 59.145, 13.403

 1, 59.145, 13.403

 91, 59.145, 13.403

 0, 59.145, 13.403

 41, 59.145, 13.403

 41, 59.145, 13.403

 39, 64.160, 17.881

 44, 52.985, 9.802

 38, 68.280, 23.092

 47, 45.854, 6.950

38, 68.998, 23.946

51, 38.071, 4.686

55, 29.976, 2.863

60, 21.844, 1.364

65, 13.868, 0.103

70, 6.163, 358.997

75, 1.215, 178.521

80, 8.246, 177.390

Harmonies

Complementary

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



41, 59.145, 13.403



66, 46.307, 168.787

Rectangle

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



41, 59.145, 13.403



41, 59.145, 63.403



41, 59.145, 193.403



41, 59.145, 243.403

Sweetspot

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



41, 59.142, 13.405



79, 21.693, 0.717



39, 82.599, 318.742



40, 15.099, 1.179



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



41, 59.142, 13.405



50, 81.453, 21.659



45, 59.581, 43.126



36, 4.253, 359.108



32, 61.343, 23.199



2, 11.097, 3.617

Inverse Universe

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



41, 59.142, 13.405



50, 81.453, 21.659



58, 31.626, 231.386



36, 4.253, 359.108



32, 61.343, 23.199



2, 11.097, 3.617

Previews

White Background



This preview shows how the CIELCh color 41, 59.145, 13.403 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, 59.145, 13.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

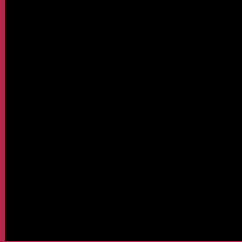
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 59.145, 13.403

Background



This preview shows how black text looks on a background with the CIELCh color 41, 59.145, 13.403.

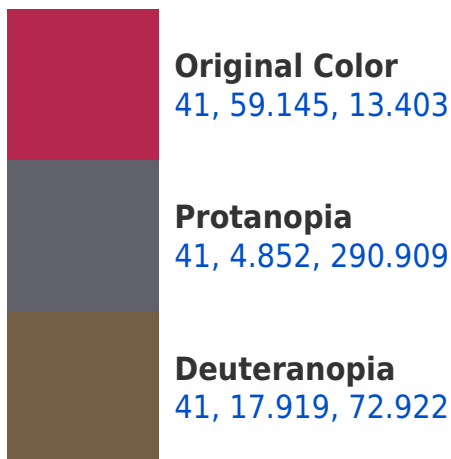


This preview shows how white text looks on a background with the CIELCh color 41, 59.145, 13.403.

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





Tritanopia
41, 62.027, 30.755

Trichromacy



Original Color
41, 59.145, 13.403

Protanomaly
39, 24.755, 356.073

Deuteranomaly
40, 30.683, 25.375

Tritanomaly
41, 59.968, 24.591

Monochromacy



Original Color
41, 59.145, 13.403

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 24.253, 3.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 59.145, 13.403 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(181, 39, 77)` looks like.

```
.text, #text, p{  
    color:rgb(181, 39, 77)  
}
```

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(181, 39, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 39, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 59.145, 13.403 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(181, 39, 77) }
```

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

```
.border{ border-color:rgb(181, 39, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 39, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 39, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 39, 77);  
box-shadow:4px 4px 4px 4px rgb(181, 39,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 59.145, 13.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 39, 77) }
```

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

```
.background{ background-color: rgb(181, 39,  
77) }
```

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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