

Converting Colors

CIELCh(41, 61.585, 26.456)

Have a look what the booklet for
CIELCh(41, 61.585, 26.456) contains.

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Color

CIELCh(41, 61.435, 26.557)

Conversions

Conversions Part 1

Format	Color
Hex	B52B37
RGB	181, 43, 55
RGB Percent	71%, 17%, 22%
CMY	0.2895, 0.8306, 0.7838
CMYK	0.00, 0.76, 0.70, 0.29
HSL	355°, 61%, 44%
HSV	355°, 76%, 71%
XYZ	20.6624, 11.8645, 4.8321
YIQ	85.6300, 78.3960, 32.9880

Conversions

Conversions Part 2

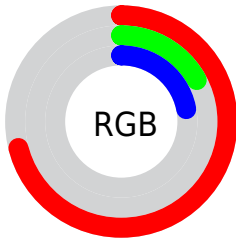
Format	Color
RYB	181, 43, 55
Decimal	11873079
CIELab	41.00, 54.95, 27.47
CIElCh	41, 61.435, 26.557
Yxy	11.8645, 0.5531, 0.3176
Android (android.graphics.Color)	4290063159 (0xFFB52B37)
YUV	85.6300, -15.1006, 83.6395
Hunter-Lab	34.4449, 46.7976, 15.7940

Details

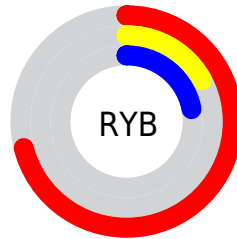
The CIELCh color **41, 61.435, 26.557** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **67, 38.319, 186.356**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 61.500, 26.360**, and **24, 55.189, 33.278** is the 20% darker color. If you saturate the color by 10%, you get **39, 68.817, 30.735**, and if you desaturate by 10%, it is **44, 53.339, 23.009**.

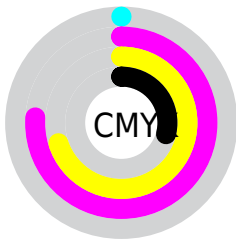
Distribution



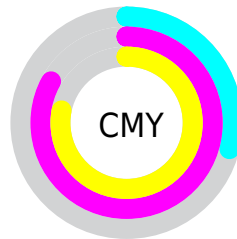
- Red (71%)
- Green (17%)
- Blue (22%)



- Red (71%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (76%)
- Yellow (70%)
- Black (29%)



- Cyan (29%)
- Magenta (83%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 61.435, 26.557 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, 61.435, 26.557 by changing the saturation by 10% instead.

 41, 61.435, 26.557

 41, 61.435, 26.557

 100, 61.435,
26.557

 31, 61.435, 26.557

 61, 61.435, 26.557

 21, 61.435, 26.557

 71, 61.435, 26.557

 11, 61.435, 26.557

 81, 61.435, 26.557

 1, 61.435, 26.557

 91, 61.435, 26.557

 0, 61.435, 26.557

 41, 61.435, 26.557

 41, 61.435, 26.557

 39, 68.817, 30.735

 44, 53.339, 23.009

 38, 75.128, 35.083

 47, 44.819, 20.153

38, 77.276, 36.449

51, 36.163, 17.904

56, 27.630, 16.136

60, 19.409, 14.735

65, 11.609, 13.600

71, 4.279, 12.617

76, 2.579, 192.177

81, 8.986, 191.407

Harmonies

Complementary

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



41, 61.435, 26.557



67, 38.319, 186.356

Rectangle

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



41, 61.435, 26.557



41, 61.435, 76.557



41, 61.435, 206.557



41, 61.435, 256.557

Sweetspot

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



41, 61.432, 26.559



78, 20.873, 14.397



43, 80.861, 324.602



39, 14.597, 14.834



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, 61.432, 26.559



50, 88.566, 33.540



50, 53.294, 56.789



36, 4.023, 12.929



32, 68.618, 35.925



2, 10.696, 14.158

Inverse Universe

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



41, 61.432, 26.559



50, 88.566, 33.540



50, 36.567, 261.190



36, 4.023, 12.929



32, 68.618, 35.925



2, 10.696, 14.158

Previews

White Background



This preview shows how the CIELCh color 41, 61.435, 26.557 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, 61.435, 26.557 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, 61.435, 26.557

Background



This preview shows how black text looks on a background with the CIELCh color 41, 61.435, 26.557.



This preview shows how white text looks on a background with the CIELCh color 41, 61.435, 26.557.

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, 61.435, 26.557

Protanopia

42, 14.082, 96.920

Deuteranopia

41, 30.699, 80.196



Tritanopia
41, 63.177, 31.490

Trichromacy



Original Color
41, 61.435, 26.557

Protanomaly
39, 26.637, 35.916

Deuteranomaly
40, 37.637, 46.440

Tritanomaly
41, 62.625, 29.807

Monochromacy



Original Color
41, 61.435, 26.557

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 23.412, 16.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 61.435, 26.557 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, 43, 55)` looks like.

```
.text, #text, p{  
    color:rgb(181, 43, 55)  
}
```

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, 43, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 43, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 61.435, 26.557 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, 43, 55) }
```

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

```
.border{ border-color:rgb(181, 43, 55) }
```

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

Here you see how a box with a 4 pixel rgb(181, 43, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 43, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 43, 55);  
box-shadow:4px 4px 4px 4px rgb(181, 43,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 61.435, 26.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 43, 55) }
```

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

```
.background{ background-color: rgb(181, 43,  
55) }
```

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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