

Converting Colors

CIELCh(41, 67.827, 10.216)

Have a look what the booklet for
CIELCh(41, 67.827, 10.216) contains.

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Color

CIELCh(41, 67.898, 10.477)

Conversions

Conversions Part 1

Format	Color
Hex	C00550
RGB	192, 5, 80
RGB Percent	75%, 2%, 31%
CMY	0.2476, 0.9819, 0.6867
CMYK	0.00, 0.98, 0.58, 0.25
HSL	336°, 95%, 39%
HSV	336°, 98%, 75%
XYZ	23.1950, 11.8645, 8.6356
YIQ	69.4630, 87.3770, 62.9690

Conversions

Conversions Part 2

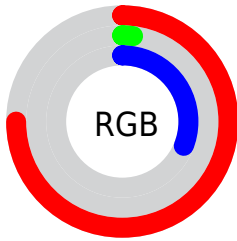
Format	Color
RYB	192, 5, 80
Decimal	12584272
CIELab	41.00, 66.77, 12.35
CIELCh	41, 67.898, 10.477
Yxy	11.8645, 0.5308, 0.2715
Android (android.graphics.Color)	4290774352 (0xFFC00550)
YUV	69.4630, 5.1947, 107.4649
Hunter-Lab	34.4449, 59.9219, 9.2470

Details

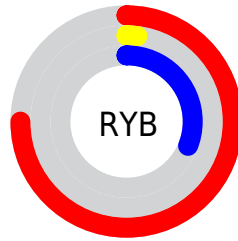
The CIELCh color **41, 67.898, 10.477** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **69, 63.760, 155.105**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 67.603, 10.422**, and **27, 53.612, 21.542** is the 20% darker color. If you saturate the color by 10%, you get **41, 68.464, 11.627**, and if you desaturate by 10%, it is **42, 65.428, 5.862**.

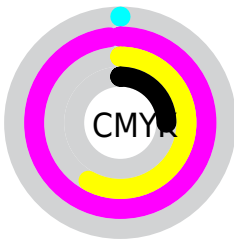
Distribution



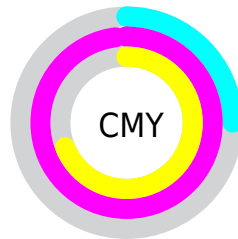
- Red (75%)
- Green (2%)
- Blue (31%)



- Red (75%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (58%)
- Black (25%)



- Cyan (25%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 67.898, 10.477 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, 67.898, 10.477 by changing the saturation by 10% instead.

41, 67.898, 10.477

41, 67.898, 10.477

100, 67.898,
10.477

31, 67.898, 10.477

61, 67.898, 10.477

21, 67.898, 10.477

71, 67.898, 10.477

11, 67.898, 10.477

81, 67.898, 10.477

1, 67.898, 10.477

91, 67.898, 10.477

0, 67.898, 10.477

41, 67.898, 10.477

41, 67.898, 10.477

41, 68.464, 11.627

42, 65.428, 5.862

44, 61.475, 2.116

■ 47, 55.874,
359.159

■ 50, 48.881,
356.817

■ 54, 40.912,
354.931

■ 59, 32.381,
353.376

■ 63, 23.628,
352.063

■ 68, 14.894,
350.927

■ 74, 6.333, 349.901

Harmonies

Complementary

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



41, 67.898, 10.477



69, 63.760, 155.105

Rectangle

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



41, 67.898, 10.477



41, 67.898, 60.477



41, 67.898, 190.477



41, 67.898, 240.477

Sweetspot

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



41, 67.895, 10.479



80, 30.830, 352.294



33, 98.050, 314.068



40, 21.210, 352.850



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



41, 67.895, 10.479



53, 83.667, 12.561



41, 81.752, 40.336



38, 4.782, 350.081



34, 59.953, 10.867



3, 15.111, 358.048

Inverse Universe

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



41, 67.895, 10.479



53, 83.667, 12.561



66, 36.458, 210.617



38, 4.782, 350.081



34, 59.953, 10.867



3, 15.111, 358.048

Previews

White Background



This preview shows how the CIELCh color 41, 67.898, 10.477 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, 67.898, 10.477 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, 67.898, 10.477

Background



This preview shows how black text looks on a background with the CIELCh color 41, 67.898, 10.477.



This preview shows how white text looks on a background with the CIELCh color 41, 67.898, 10.477.

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, 67.898, 10.477

Protanopia

42, 10.925, 285.734

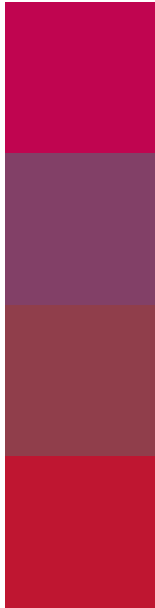
Deuteranopia

42, 17.375, 71.992



Tritanopia
41, 73.249, 35.236

Trichromacy



Original Color
41, 67.898, 10.477

Protanomaly
37, 34.944, 343.584

Deuteranomaly
38, 37.171, 14.653

Tritanomaly
41, 70.318, 26.793

Monochromacy



Original Color
41, 67.898, 10.477

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 33.062, 357.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 67.898, 10.477 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(192, 5, 80)` looks like.

```
.text, #text, p{  
    color:rgb(192, 5, 80)  
}
```

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(192, 5, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 5, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 67.898, 10.477 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(192, 5, 80) }
```

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

```
.border{ border-color:rgb(192, 5, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 5, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 5, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 5, 80);  
box-shadow:4px 4px 4px 4px rgb(192, 5, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 67.898, 10.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 5, 80) }
```

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

```
.background{ background-color: rgb(192, 5,  
80) }
```

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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