

Converting Colors

CIELCh(36, 82.363, 2.880)

Have a look what the booklet for
CIELCh(36, 82.363, 2.880) contains.

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Color

CIELCh(41, 68.277, 9.186)

Conversions

Conversions Part 1

Format	Color
Hex	C00152
RGB	192, 1, 82
RGB Percent	75%, 0%, 32%
CMY	0.2461, 0.9972, 0.6777
CMYK	0.00, 1.00, 0.57, 0.25
HSL	334°, 99%, 38%
HSV	334°, 100%, 75%
XYZ	23.3367, 11.8645, 9.0792
YIQ	67.3430, 87.8350, 65.6830

Conversions

Conversions Part 2

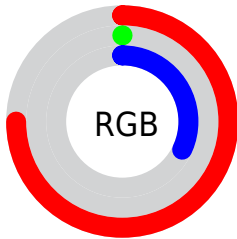
Format	Color
RYB	192, 1, 82
Decimal	12583250
CIELab	41.00, 67.40, 10.90
CIELCh	41, 68.277, 9.186
Yxy	11.8645, 0.5270, 0.2679
Android (android.graphics.Color)	4290773330 (0xFFC00152)
YUV	67.3430, 7.2259, 109.3242
Hunter-Lab	34.4449, 60.6567, 8.4834

Details

The CIELCh color **41, 68.277, 9.186** 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, 66.360, 153.232**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **61, 67.922, 9.265**, and **27, 53.238, 20.198** is the 20% darker color. If you saturate the color by 10%, you get **41, 68.352, 9.355**, and if you desaturate by 10%, it is **42, 66.198, 4.657**.

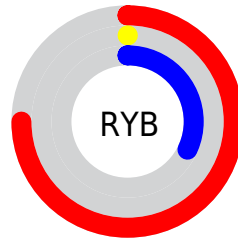
Distribution



Red (75%)

Green (0%)

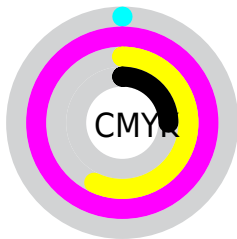
Blue (32%)



Red (75%)

Yellow (0%)

Blue (32%)

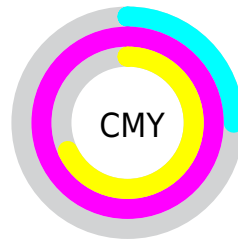


Cyan (0%)

Magenta (100%)

Yellow (57%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 68.277, 9.186 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, 68.277, 9.186 by changing the saturation by 10% instead.

 41, 68.277, 9.186	 41, 68.277, 9.186
 100, 68.277, 9.186	 31, 68.277, 9.186
 61, 68.277, 9.186	 21, 68.277, 9.186
 71, 68.277, 9.186	 11, 68.277, 9.186
 81, 68.277, 9.186	 1, 68.277, 9.186
 91, 68.277, 9.186	 0, 68.277, 9.186

 41, 68.277, 9.186	 41, 68.277, 9.186
 41, 68.352, 9.355	 42, 66.198, 4.657
	 44, 62.767, 0.904
	 46, 57.594,

357.942

■ 50, 50.897,
355.596

■ 54, 43.084,
353.707

■ 58, 34.589,
352.151

■ 63, 25.778,
350.836

■ 68, 16.921,
349.698

■ 73, 8.194, 348.680

Harmonies

Complementary

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



41, 68.277, 9.186



69, 66.360, 153.232

Rectangle

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



41, 68.277, 9.186



41, 68.277, 59.186



41, 68.277, 189.186



41, 68.277, 239.186

Sweetspot

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



41, 68.274, 9.188



79, 32.308, 350.939



32, 99.339, 313.509



40, 22.083, 351.480



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, 68.274, 9.188



53, 83.336, 10.248



40, 83.412, 40.580



38, 4.851, 348.654



34, 59.802, 8.615



3, 15.259, 356.719

Inverse Universe

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



41, 68.274, 9.188



53, 83.336, 10.248



67, 37.189, 207.722



38, 4.851, 348.654



34, 59.802, 8.615



3, 15.259, 356.719

Previews

White Background



This preview shows how the CIELCh color 41, 68.277, 9.186 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, 68.277, 9.186 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, 68.277, 9.186

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.277, 9.186.



This preview shows how white text looks on a background with the CIELCh color 41, 68.277, 9.186.

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, 68.184, 9.239

Protanopia

42, 13.325, 287.254

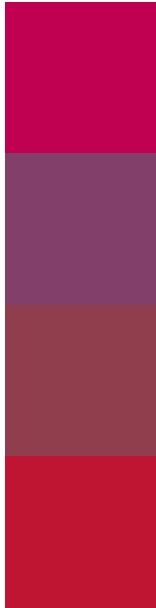
Deuteranopia

42, 16.382, 69.859



Tritanopia
41, 72.817, 35.054

Trichromacy



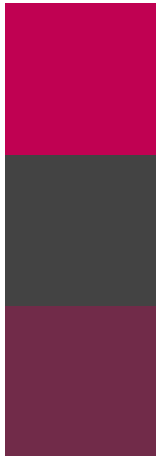
Original Color
41, 68.184, 9.239

Protanomaly
37, 36.547, 340.988

Deuteranomaly
37, 37.532, 12.205

Tritanomaly
41, 70.212, 26.234

Monochromacy



Original Color
41, 68.184, 9.239

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 34.322, 355.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.277, 9.186 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, 1, 82)` looks like.

```
.text, #text, p{  
    color:rgb(192, 1, 82)  
}
```

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, 1, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 1, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.277, 9.186 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, 1, 82) }
```

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

```
.border{ border-color:rgb(192, 1, 82) }
```

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

Here you see how a box with a 4 pixel rgb(192, 1, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 1, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 1, 82);  
box-shadow:4px 4px 4px 4px rgb(192, 1, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.277, 9.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 1, 82) }
```

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

```
.background{ background-color: rgb(192, 1,  
82) }
```

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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