

Converting Colors

CIELCh(41, 70.512, 23.792)

Have a look what the booklet for
CIELCh(41, 70.512, 23.792) contains.

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Color

CIELCh(41, 70.463, 23.881)

Conversions

Conversions Part 1

Format	Color
Hex	C00F36
RGB	192, 15, 54
RGB Percent	75%, 6%, 21%
CMY	0.2455, 0.9416, 0.7872
CMYK	0.00, 0.92, 0.72, 0.25
HSL	347°, 86%, 41%
HSV	347°, 92%, 75%
XYZ	22.6787, 11.8645, 4.6185
YIQ	72.3690, 92.9730, 49.6530

Conversions

Conversions Part 2

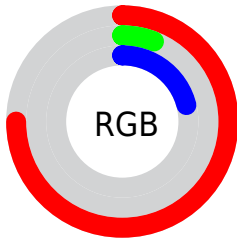
Format	Color
RYB	192, 15, 54
Decimal	12586806
CIELab	41.00, 64.43, 28.53
CIElCh	41, 70.463, 23.881
Yxy	11.8645, 0.5791, 0.3030
Android (android.graphics.Color)	4290776886 (0xFFC00F36)
YUV	72.3690, -9.0559, 104.9164
Hunter-Lab	34.4449, 57.2467, 16.1617

Details

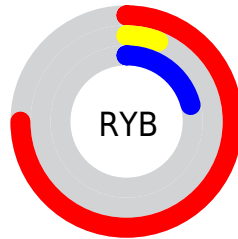
The CIELCh color **41, 70.463, 23.881** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **70, 50.130, 170.091**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 70.239, 23.602**, and **26, 59.369, 34.701** is the 20% darker color. If you saturate the color by 10%, you get **40, 74.238, 27.940**, and if you desaturate by 10%, it is **43, 65.062, 18.949**.

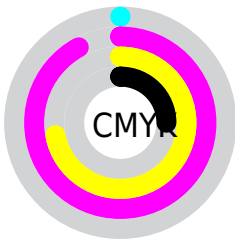
Distribution



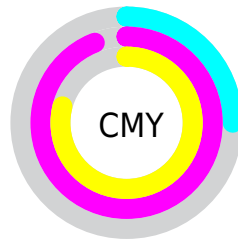
- Red (75%)
- Green (6%)
- Blue (21%)



- Red (75%)
- Yellow (6%)
- Blue (21%)



- Cyan (0%)
- Magenta (92%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (94%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 70.463, 23.881 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, 70.463, 23.881 by changing the saturation by 10% instead.

41, 70.463, 23.881

41, 70.463, 23.881

100, 70.463,
23.881

31, 70.463, 23.881

61, 70.463, 23.881

21, 70.463, 23.881

71, 70.463, 23.881

11, 70.463, 23.881

81, 70.463, 23.881

1, 70.463, 23.881

91, 70.463, 23.881

0, 70.463, 23.881

41, 70.463, 23.881

41, 70.463, 23.881

40, 74.238, 27.940

43, 65.062, 18.949

45, 58.618, 14.851

■ 48, 51.189, 11.575

■ 52, 43.049, 8.985

■ 56, 34.541, 6.926

■ 61, 25.971, 5.263

■ 66, 17.560, 3.891

■ 71, 9.445, 2.725

■ 77, 1.698, 1.516

Harmonies

Complementary

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



41, 70.463, 23.881



70, 50.130, 170.091

Rectangle

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



41, 70.463, 23.881



41, 70.463, 73.881



41, 70.463, 203.881



41, 70.463, 253.881

Sweetspot

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



41, 70.460, 23.883



80, 27.678, 4.710



39, 93.553, 319.914



40, 19.262, 5.345



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, 70.460, 23.883



52, 91.089, 28.903



45, 72.678, 46.238



38, 4.364, 2.413



33, 64.535, 27.117



3, 14.349, 7.478

Inverse Universe

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



41, 70.460, 23.883



52, 91.089, 28.903



56, 36.510, 246.229



38, 4.364, 2.413



33, 64.535, 27.117



3, 14.349, 7.478

Previews

White Background



This preview shows how the CIELCh color 41, 70.463, 23.881 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, 70.463, 23.881 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, 70.463, 23.881

Background



This preview shows how black text looks on a background with the CIELCh color 41, 70.463, 23.881.



This preview shows how white text looks on a background with the CIELCh color 41, 70.463, 23.881.

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, 70.368, 23.962

Protanopia

42, 11.156, 94.617

Deuteranopia

42, 32.408, 80.395



Tritanopia
41, 77.397, 37.113

Trichromacy



Original Color
41, 70.368, 23.962

Protanomaly
38, 31.461, 21.599

Deuteranomaly
38, 43.291, 38.880

Tritanomaly
41, 74.637, 32.831

Monochromacy



Original Color
41, 70.368, 23.962

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 30.553, 8.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 70.463, 23.881 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, 15, 54)` looks like.

```
.text, #text, p{  
    color:rgb(192, 15, 54)  
}
```

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, 15, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 15, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 70.463, 23.881 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, 15, 54) }
```

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

```
.border{ border-color:rgb(192, 15, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 15, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 15, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 15, 54);  
box-shadow:4px 4px 4px 4px rgb(192, 15,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 70.463, 23.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 15, 54) }
```

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

```
.background{ background-color: rgb(192, 15,  
54) }
```

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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