

Converting Colors

CIELCh(41, 75.561, 33.780)

Have a look what the booklet for
CIELCh(41, 75.561, 33.780) contains.

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Color

CIELCh(41, 75.453, 33.884)

Conversions

Conversions Part 1

Format	Color
Hex	C0151F
RGB	192, 21, 31
RGB Percent	75%, 8%, 12%
CMY	0.2466, 0.9168, 0.8781
CMYK	0.00, 0.89, 0.84, 0.25
HSL	357°, 80%, 42%
HSV	357°, 89%, 75%
XYZ	22.2879, 11.8645, 2.4172
YIQ	73.2690, 98.7060, 39.3620

Conversions

Conversions Part 2

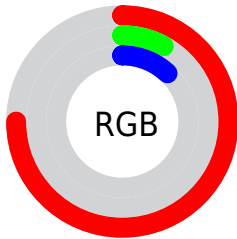
Format	Color
RYB	192, 21, 31
Decimal	12588319
CIELab	41.00, 62.64, 42.07
CIElCh	41, 75.453, 33.884
Yxy	11.8645, 0.6095, 0.3244
Android (android.graphics.Color)	4290778399 (0xFFC0151F)
YUV	73.2690, -20.8386, 104.1271
Hunter-Lab	34.4449, 55.2213, 19.9508

Details

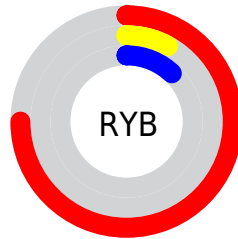
The CIELCh color **41, 75.453, 33.884** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **70, 41.495, 188.715**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 74.847, 33.705**, and **26, 61.701, 38.443** is the 20% darker color. If you saturate the color by 10%, you get **40, 81.578, 37.565**, and if you desaturate by 10%, it is **43, 67.730, 29.772**.

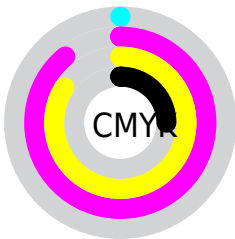
Distribution



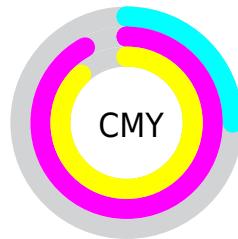
- Red (75%)
- Green (8%)
- Blue (12%)



- Red (75%)
- Yellow (8%)
- Blue (12%)



- Cyan (0%)
- Magenta (89%)
- Yellow (84%)
- Black (25%)



- Cyan (25%)
- Magenta (92%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 75.453, 33.884 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, 75.453, 33.884 by changing the saturation by 10% instead.

 41, 75.453, 33.884

 41, 75.453, 33.884

 100, 75.453,
33.884

 31, 75.453, 33.884

 61, 75.453, 33.884

 21, 75.453, 33.884

 71, 75.453, 33.884

 11, 75.453, 33.884

 81, 75.453, 33.884

 1, 75.453, 33.884

 91, 75.453, 33.884

 0, 75.453, 33.884

 41, 75.453, 33.884

 41, 75.453, 33.884

 40, 81.578, 37.565

 43, 67.730, 29.772

 40, 82.114, 37.835

 45, 59.114, 26.085

■ 49, 50.005, 23.057

■ 53, 40.730, 20.664

■ 57, 31.576, 18.796

■ 62, 22.758, 17.334

■ 68, 14.403, 16.172

■ 73, 6.569, 15.211

■ 78, 0.736, 195.265

Harmonies

Complementary

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



41, 75.453, 33.884



70, 41.495, 188.715

Rectangle

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



41, 75.453, 33.884



41, 75.453, 83.884



41, 75.453, 213.884



41, 75.453, 263.884

Sweetspot

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



41, 75.450, 33.886



80, 26.140, 17.139



44, 91.073, 325.743



40, 17.809, 17.587



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, 75.450, 33.886



52, 100.742, 38.362



51, 64.875, 57.695



38, 4.194, 15.250



33, 71.485, 37.349



3, 14.031, 16.253

Inverse Universe

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



41, 75.450, 33.886



52, 100.742, 38.362



48, 46.024, 271.577



38, 4.194, 15.250



33, 71.485, 37.349



3, 14.031, 16.253

Previews

White Background



This preview shows how the CIELCh color 41, 75.453, 33.884 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, 75.453, 33.884 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, 75.453, 33.884

Background



This preview shows how black text looks on a background with the CIELCh color 41, 75.453, 33.884.



This preview shows how white text looks on a background with the CIELCh color 41, 75.453, 33.884.

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, 75.453, 33.884

Protanopia

42, 29.331, 95.283

Deuteranopia

41, 47.195, 83.693



Tritanopia
41, 78.396, 37.680

Trichromacy



Original Color
41, 75.453, 33.884

Protanomaly
38, 40.155, 47.881

Deuteranomaly
39, 54.051, 54.104

Tritanomaly
41, 77.491, 36.497

Monochromacy



Original Color
41, 75.453, 33.884

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 29.536, 20.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 75.453, 33.884 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, 21, 31)` looks like.

```
.text, #text, p{  
    color:rgb(192, 21, 31)  
}
```

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, 21, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 21, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 75.453, 33.884 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, 21, 31) }
```

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

```
.border{ border-color:rgb(192, 21, 31) }
```

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

Here you see how a box with a 4 pixel rgb(192, 21, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 21, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 21, 31);  
box-shadow:4px 4px 4px 4px rgb(192, 21,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 75.453, 33.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 21, 31) }
```

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

```
.background{ background-color: rgb(192, 21,  
31) }
```

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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