

Converting Colors

CIELCh(41, 66.407, 15.568)

Have a look what the booklet for
CIELCh(41, 66.407, 15.568) contains.

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Color

CIELCh(41, 66.536, 15.637)

Conversions

Conversions Part 1

Format	Color
Hex	BE1347
RGB	190, 19, 71
RGB Percent	75%, 7%, 28%
CMY	0.2550, 0.9255, 0.7216
CMYK	0.00, 0.90, 0.63, 0.25
HSL	342°, 82%, 41%
HSV	342°, 90%, 75%
XYZ	22.6005, 11.8645, 7.0582
YIQ	76.0570, 85.2240, 52.4240

Conversions

Conversions Part 2

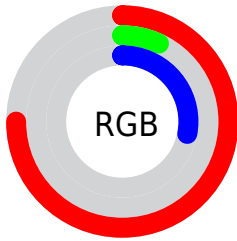
Format	Color
R_{YB}	190, 19, 71
Decimal	12456775
CIE _{Lab}	41.00, 64.07, 17.93
CIE _{LCh}	41, 66.536, 15.637
Yxy	11.8645, 0.5443, 0.2857
Android (android.graphics.Color)	4290646855 (0xFFBE1347)
YUV	76.0570, -2.4931, 99.9280
Hunter-Lab	34.4449, 56.8412, 11.9622

Details

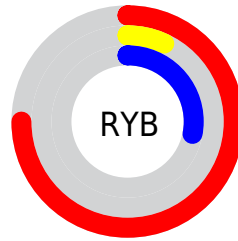
The CIELCh color **41, 66.536, 15.637** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **69, 54.095, 163.584**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.349, 15.581**, and **26, 54.408, 25.661** is the 20% darker color. If you saturate the color by 10%, you get **40, 70.187, 20.864**, and if you desaturate by 10%, it is **43, 62.003, 11.104**.

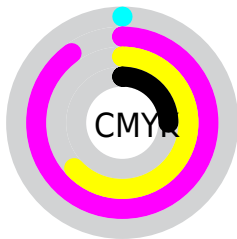
Distribution



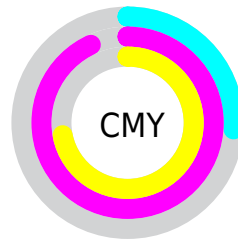
- Red (75%)
- Green (7%)
- Blue (28%)



- Red (75%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (90%)
- Yellow (63%)
- Black (25%)



- Cyan (26%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 66.536, 15.637 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, 66.536, 15.637 by changing the saturation by 10% instead.

41, 66.536, 15.637

41, 66.536, 15.637

100, 66.536,
15.637

31, 66.536, 15.637

61, 66.536, 15.637

21, 66.536, 15.637

71, 66.536, 15.637

11, 66.536, 15.637

81, 66.536, 15.637

1, 66.536, 15.637

91, 66.536, 15.637

0, 66.536, 15.637

41, 66.536, 15.637

41, 66.536, 15.637

40, 70.187, 20.864

43, 62.003, 11.104

45, 56.157, 7.466

■ 49, 49.130, 4.592

■ 52, 41.259, 2.311

■ 57, 32.923, 0.472

■ 62, 24.440,
358.958

■ 67, 16.042,
357.681

■ 72, 7.871, 356.566

■ 77, 0.011, 308.978

Harmonies

Complementary

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



41, 66.536, 15.637



69, 54.095, 163.584

Rectangle

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



41, 66.536, 15.637



41, 66.536, 65.637



41, 66.536, 195.637



41, 66.536, 245.637

Sweetspot

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



41, 66.533, 15.639



80, 27.153, 358.610



37, 92.794, 317.390



41, 18.533, 359.082



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, 66.533, 15.639



52, 86.046, 21.880



43, 73.214, 42.381



37, 4.429, 356.496



33, 60.997, 19.995



3, 12.862, 2.443

Inverse Universe

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



41, 66.533, 15.639



52, 86.046, 21.880



60, 34.264, 228.662



37, 4.429, 356.496



33, 60.997, 19.995



3, 12.862, 2.443

Previews

White Background



This preview shows how the CIELCh color 41, 66.536, 15.637 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, 66.536, 15.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

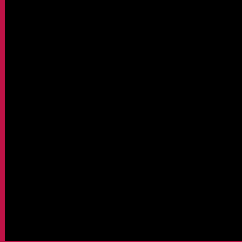
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 66.536, 15.637

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.536, 15.637.



This preview shows how white text looks on a background with the CIELCh color 41, 66.536, 15.637.

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, 66.536, 15.637

Protanopia

42, 2.464, 300.131

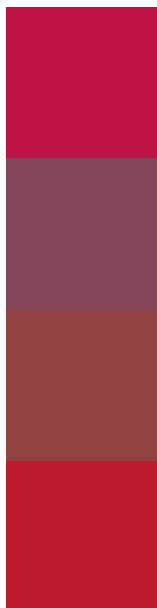
Deuteranopia

42, 22.085, 76.111



Tritanopia
41, 72.711, 35.360

Trichromacy



Original Color
41, 66.536, 15.637

Protanomaly
38, 29.659, 358.356

Deuteranomaly
38, 36.259, 26.464

Tritanomaly
41, 69.465, 28.687

Monochromacy



Original Color
41, 66.536, 15.637

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 29.431, 2.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.536, 15.637 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(190, 19, 71)` looks like.

```
.text, #text, p{  
    color:rgb(190, 19, 71)  
}
```

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(190, 19, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 19, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.536, 15.637 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(190, 19, 71) }
```

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

```
.border{ border-color:rgb(190, 19, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 19, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 19, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 19, 71);  
box-shadow:4px 4px 4px 4px rgb(190, 19,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.536, 15.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 19, 71) }
```

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

```
.background{ background-color: rgb(190, 19,  
71) }
```

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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