

Converting Colors

CIELCh(42, 73.411, 24.171)

Have a look what the booklet for
CIELCh(42, 73.411, 24.171) contains.

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Color

CIELCh(42, 73.543, 24.325)

Conversions

Conversions Part 1

Format	Color
Hex	C70636
RGB	199, 6, 54
RGB Percent	78%, 2%, 21%
CMY	0.2204, 0.9784, 0.7887
CMYK	0.00, 0.97, 0.73, 0.22
HSL	345°, 95%, 40%
HSV	345°, 97%, 78%
XYZ	24.2250, 12.5000, 4.6099
YIQ	69.1790, 99.6200, 55.8440

Conversions

Conversions Part 2

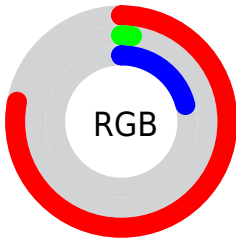
Format	Color
R_{YB}	199, 6, 54
Decimal	13043254
CIE Lab	42.00, 67.01, 30.29
CIE LCh	42, 73.543, 24.325
Yxy	12.5000, 0.5861, 0.3024
Android (android.graphics.Color)	4291233334 (0xFFC70636)
YUV	69.1790, -7.4832, 113.8530
Hunter-Lab	35.3553, 60.4341, 17.0180

Details

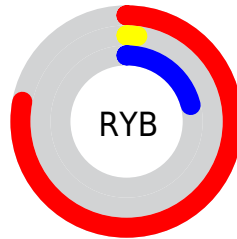
The CIELCh color **42, 73.543, 24.325** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **72, 54.397, 166.494**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 70.521, 23.339**, and **27, 61.689, 35.199** is the 20% darker color. If you saturate the color by 10%, you get **42, 74.835, 25.770**, and if you desaturate by 10%, it is **43, 68.877, 19.044**.

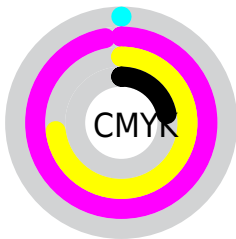
Distribution



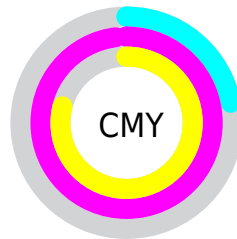
- Red (78%)
- Green (2%)
- Blue (21%)



- Red (78%)
- Yellow (2%)
- Blue (21%)



- Cyan (0%)
- Magenta (97%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 73.543, 24.325 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 42, 73.543, 24.325 by changing the saturation by 10% instead.

 42, 73.543, 24.325

 42, 73.543, 24.325

 100, 73.543,
24.325

 32, 73.543, 24.325

 62, 73.543, 24.325

 22, 73.543, 24.325

 72, 73.543, 24.325

 12, 73.543, 24.325

 82, 73.543, 24.325

 2, 73.543, 24.325

 92, 73.543, 24.325

 0, 73.543, 24.325

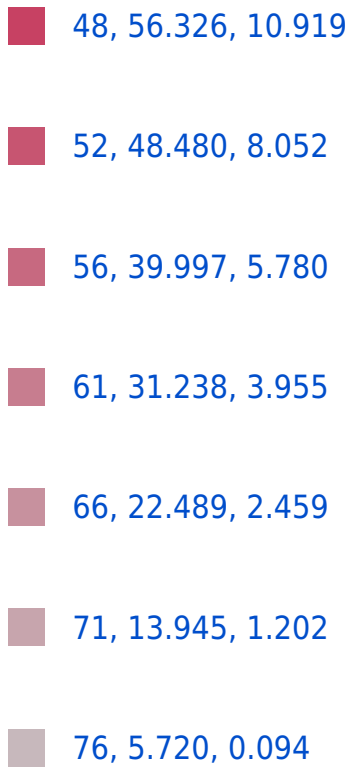
 42, 73.543, 24.325

 42, 73.543, 24.325

 42, 74.835, 25.770

 43, 68.877, 19.044

 45, 63.189, 14.544



Harmonies

Complementary

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



42, 73.543, 24.325



72, 54.397, 166.494

Rectangle

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



42, 73.543, 24.325



42, 73.543, 74.325



42, 73.543, 204.325



42, 73.543, 254.325

Sweetspot

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



42, 73.540, 24.327



81, 29.430, 2.764



39, 97.891, 318.546



40, 20.336, 3.403



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



42, 73.540, 24.327



54, 90.869, 26.684



45, 79.293, 44.432



39, 4.511, 0.328



34, 64.236, 24.873



4, 16.335, 6.668

Inverse Universe

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



42, 73.540, 24.327



54, 90.869, 26.684



59, 36.988, 241.825



39, 4.511, 0.328



34, 64.236, 24.873



4, 16.335, 6.668

Previews

White Background



This preview shows how the CIELCh color 42, 73.543, 24.325 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 42, 73.543, 24.325 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 42, 73.543, 24.325

Background



This preview shows how black text looks on a background with the CIELCh color 42, 73.543, 24.325.



This preview shows how white text looks on a background with the CIELCh color 42, 73.543, 24.325.

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

42, 73.543, 24.325

Protanopia

43, 12.843, 96.224

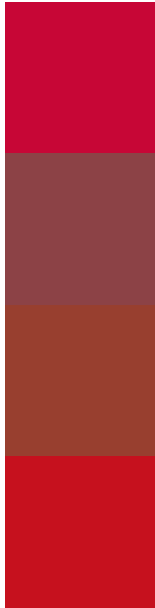
Deuteranopia

43, 34.533, 80.871



Tritanopia
42, 81.048, 38.265

Trichromacy



Original Color
42, 73.543, 24.325

Protanomaly
38, 34.198, 21.498

Deuteranomaly
39, 45.931, 37.927

Tritanomaly
42, 78.332, 34.172

Monochromacy



Original Color
42, 73.543, 24.325

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 32.898, 8.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 73.543, 24.325 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(199, 6, 54)` looks like.

```
.text, #text, p{  
    color:rgb(199, 6, 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(199, 6, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 6, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 73.543, 24.325 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(199, 6, 54) }
```

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

```
.border{ border-color:rgb(199, 6, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 6, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 6, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 6, 54);  
box-shadow:4px 4px 4px 4px rgb(199, 6, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 42, 73.543, 24.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 6, 54) }
```

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

```
.background{ background-color: rgb(199, 6,  
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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