

Converting Colors

CIELCh(44, 74.355, 34.082)

Have a look what the booklet for
CIELCh(44, 74.355, 34.082) contains.

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Color

CIELCh(44, 74.196, 34.218)

Conversions

Conversions Part 1

Format	Color
Hex	C82626
RGB	200, 38, 38
RGB Percent	78%, 15%, 15%
CMY	0.2151, 0.8502, 0.8506
CMYK	0.00, 0.81, 0.81, 0.22
HSL	0°, 68%, 47%
HSV	0°, 81%, 78%
XYZ	24.9098, 13.8382, 3.2007
YIQ	86.4380, 96.5520, 34.3440

Conversions

Conversions Part 2

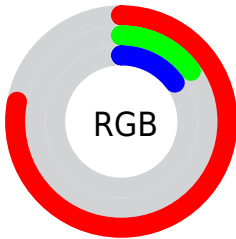
Format	Color
RYB	200, 38, 38
Decimal	13116966
CIELab	44.00, 61.35, 41.72
CIElCh	44, 74.196, 34.218
Yxy	13.8382, 0.5938, 0.3299
Android (android.graphics.Color)	4291307046 (0xFFC82626)
YUV	86.4380, -23.8799, 99.5939
Hunter-Lab	37.1997, 54.4284, 20.9384

Details

The CIELCh color **44, 74.196, 34.218** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **73, 39.906, 196.581**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 70.397, 34.449**, and **28, 64.854, 38.894** is the 20% darker color. If you saturate the color by 10%, you get **42, 82.054, 37.629**, and if you desaturate by 10%, it is **47, 64.837, 30.733**.

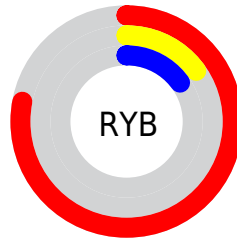
Distribution



Red (78%)

Green (15%)

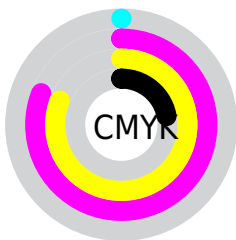
Blue (15%)



Red (78%)

Yellow (15%)

Blue (15%)

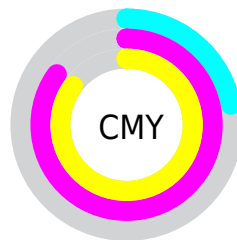


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (22%)



Cyan (22%)











Magenta (85%)







Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 74.196, 34.218 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 44, 74.196, 34.218 by changing the saturation by 10% instead.

 44, 74.196, 34.218	 44, 74.196, 34.218
 100, 74.196, 34.218	 34, 74.196, 34.218
 64, 74.196, 34.218	 24, 74.196, 34.218
 74, 74.196, 34.218	 14, 74.196, 34.218
 84, 74.196, 34.218	 4, 74.196, 34.218
 94, 74.196, 34.218	 0, 74.196, 34.218

 44, 74.196, 34.218	 44, 74.196, 34.218
 42, 82.054, 37.629	 47, 64.837, 30.733
 42, 87.131, 40.005	 50, 54.889, 27.731

- 54, 44.816, 25.333
- 59, 34.946, 23.476
- 64, 25.505, 22.052
- 69, 16.626, 20.957
- 74, 8.361, 20.090
- 80, 0.706, 18.728
- 86, 6.372, 199.090

Harmonies

Complementary

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



44, 74.196, 34.218



73, 39.906, 196.581

Rectangle

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



44, 74.196, 34.218



44, 74.196, 84.218



44, 74.196, 214.218



44, 74.196, 264.218

Sweetspot

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



44, 74.193, 34.220



84, 23.475, 21.297



49, 90.476, 328.024



42, 16.349, 21.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 74.193, 34.220



53, 103.053, 39.403



58, 60.437, 64.761



39, 4.276, 19.965



34, 74.637, 39.783



3, 15.879, 19.433

Inverse Universe

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



73, 39.906, 196.581



91, 49.924, 196.476



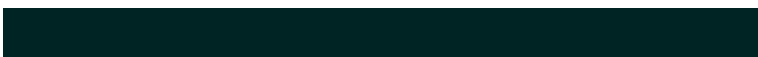
49, 49.130, 275.881



41, 4.032, 199.025



61, 35.861, 196.467



12, 12.976, 196.449

Previews

White Background



This preview shows how the CIELCh color 44, 74.196, 34.218 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 44, 74.196, 34.218 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 44, 74.196, 34.218

Background



This preview shows how black text looks on a background with the CIELCh color 44, 74.196, 34.218.



This preview shows how white text looks on a background with the CIELCh color 44, 74.196, 34.218.

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

44, 74.196, 34.218

Protanopia

44, 29.076, 95.623

Deuteranopia

44, 45.484, 83.242



Tritanopia
44, 74.196, 34.218

Trichromacy



Original Color
44, 74.196, 34.218

Protanomaly
42, 39.220, 51.118

Deuteranomaly
42, 51.712, 55.234

Tritanomaly
44, 74.196, 34.218

Monochromacy



Original Color
44, 74.196, 34.218

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 27.622, 24.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 74.196, 34.218 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(200, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(200, 38, 38)  
}
```

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(200, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 38, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 74.196, 34.218 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(200, 38, 38) }
```

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

```
.border{ border-color:rgb(200, 38, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 38, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(200, 38,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 74.196, 34.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 38, 38) }
```

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

```
.background{ background-color: rgb(200, 38,  
38) }
```

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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