

Converting Colors

CIELCh(41, 69.115, 33.716)

Have a look what the booklet for
CIELCh(41, 69.115, 33.716) contains.

CIELCh(41, 69.204, 33.754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 69.204, 33.754)

Conversions

Conversions Part 1

Format	Color
Hex	BA2525
RGB	186, 37, 37
RGB Percent	73%, 15%, 15%
CMY	0.2712, 0.8555, 0.8553
CMYK	0.00, 0.80, 0.80, 0.27
HSL	360°, 67%, 44%
HSV	360°, 80%, 73%
XYZ	21.2000, 11.8645, 2.9141
YIQ	81.5510, 88.8040, 31.5880

Conversions

Conversions Part 2

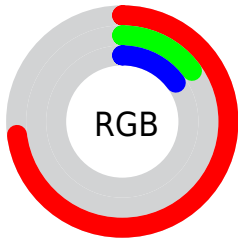
Format	Color
RYB	186, 37, 37
Decimal	12199205
CIELab	41.00, 57.54, 38.45
CIElCh	41, 69.204, 33.754
Yxy	11.8645, 0.5892, 0.3298
Android (android.graphics.Color)	4290389285 (0xFFBA2525)
YUV	81.5510, -21.9636, 91.6018
Hunter-Lab	34.4449, 49.5838, 19.0955

Details

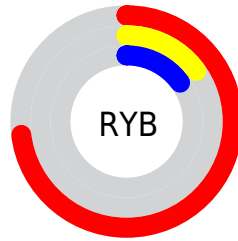
The CIELCh color **41, 69.204, 33.754** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **69, 37.600, 196.477**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 68.948, 33.832**, and **25, 59.691, 38.106** is the 20% darker color. If you saturate the color by 10%, you get **39, 76.841, 37.224**, and if you desaturate by 10%, it is **43, 60.304, 30.316**.

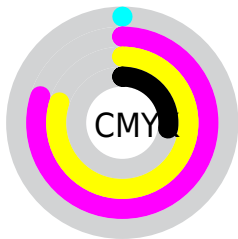
Distribution



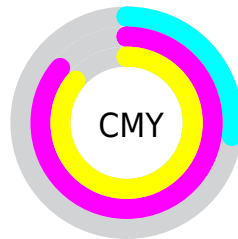
- Red (73%)
- Green (15%)
- Blue (15%)



- Red (73%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (27%)



- Cyan (27%)
- Magenta (86%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 69.204, 33.754 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, 69.204, 33.754 by changing the saturation by 10% instead.

 41, 69.204, 33.754

 41, 69.204, 33.754

 100, 69.204,
33.754

 31, 69.204, 33.754

 61, 69.204, 33.754

 21, 69.204, 33.754

 71, 69.204, 33.754

 11, 69.204, 33.754

 81, 69.204, 33.754

 1, 69.204, 33.754

 91, 69.204, 33.754

 0, 69.204, 33.754

 41, 69.204, 33.754

 41, 69.204, 33.754

 39, 76.841, 37.224

 43, 60.304, 30.316

 39, 82.431, 39.984

 47, 50.911, 27.388

■ 51, 41.437, 25.058

■ 55, 32.178, 23.254

■ 60, 23.335, 21.870

■ 65, 15.024, 20.802

■ 70, 7.289, 19.951

■ 75, 0.125, 15.207

■ 81, 6.504, 198.972

Harmonies

Complementary

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



41, 69.204, 33.754



69, 37.600, 196.477

Rectangle

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



41, 69.204, 33.754



41, 69.204, 83.754



41, 69.204, 213.754



41, 69.204, 263.754

Sweetspot

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



41, 69.201, 33.756



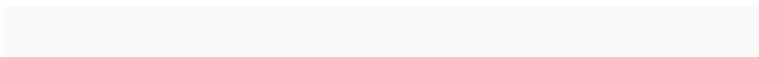
80, 22.524, 21.220



46, 84.975, 327.433



41, 15.811, 21.612



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 69.201, 33.756



51, 98.536, 39.150



53, 56.486, 63.487



36, 4.004, 19.884



32, 71.856, 39.584



2, 10.638, 19.382

Inverse Universe

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



41, 69.201, 33.756



51, 98.536, 39.150



47, 44.547, 273.543



36, 4.004, 19.884



32, 71.856, 39.584



2, 10.638, 19.382

Previews

White Background



This preview shows how the CIELCh color 41, 69.204, 33.754 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, 69.204, 33.754 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, 69.204, 33.754

Background



This preview shows how black text looks on a background with the CIELCh color 41, 69.204, 33.754.



This preview shows how white text looks on a background with the CIELCh color 41, 69.204, 33.754.

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, 69.204, 33.754

Protanopia

42, 26.498, 95.750

Deuteranopia

41, 42.000, 82.883



Tritanopia
41, 69.204, 33.754

Trichromacy



Original Color
41, 69.204, 33.754

Protanomaly
39, 35.556, 50.449

Deuteranomaly
40, 47.575, 54.548

Tritanomaly
41, 69.204, 33.754

Monochromacy



Original Color
41, 69.204, 33.754

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 25.533, 23.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 69.204, 33.754 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(186, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(186, 37, 37)  
}
```

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(186, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 37, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 69.204, 33.754 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(186, 37, 37) }
```

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

```
.border{ border-color:rgb(186, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(186, 37,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 69.204, 33.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 37, 37) }
```

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

```
.background{ background-color: rgb(186, 37,  
37) }
```

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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