

Converting Colors

CIELCh(43, 66.319, 36.356)

Have a look what the booklet for
CIELCh(43, 66.319, 36.356) contains.

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Color

CIELCh(43, 66.286, 36.337)

Conversions

Conversions Part 1

Format	Color
Hex	BB3327
RGB	187, 51, 39
RGB Percent	73%, 20%, 15%
CMY	0.2652, 0.7986, 0.8460
CMYK	0.00, 0.73, 0.79, 0.27
HSL	5°, 65%, 44%
HSV	5°, 79%, 73%
XYZ	22.1534, 13.1578, 3.3145
YIQ	90.2960, 84.9080, 25.1000

Conversions

Conversions Part 2

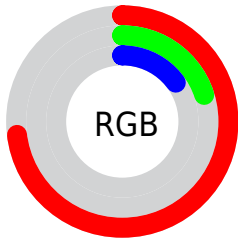
Format	Color
RYB	187, 52, 39
Decimal	12268327
CIELab	43.00, 53.40, 39.28
CIElCh	43, 66.286, 36.337
Yxy	13.1578, 0.5735, 0.3406
Android (android.graphics.Color)	4290458407 (0xFFBB3327)
YUV	90.2960, -25.2889, 84.8094
Hunter-Lab	36.2736, 45.5362, 19.9740

Details

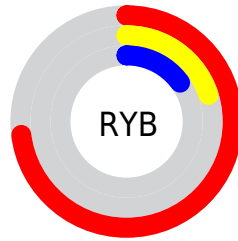
The CIELCh color **43, 66.286, 36.337** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **66, 34.417, 208.179**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.375, 36.597**, and **25, 60.499, 38.246** is the 20% darker color. If you saturate the color by 10%, you get **41, 74.745, 38.736**, and if you desaturate by 10%, it is **46, 56.928, 33.952**.

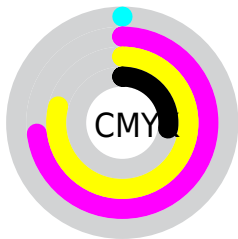
Distribution



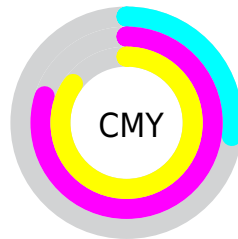
- Red (73%)
- Green (20%)
- Blue (15%)



- Red (73%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (79%)
- Black (27%)



- Cyan (27%)
- Magenta (80%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 66.286, 36.337 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 43, 66.286, 36.337 by changing the saturation by 10% instead.

 43, 66.286, 36.337

 43, 66.286, 36.337

 100, 66.286,
36.337

 33, 66.286, 36.337

 63, 66.286, 36.337

 23, 66.286, 36.337

 73, 66.286, 36.337

 13, 66.286, 36.337

 83, 66.286, 36.337

 3, 66.286, 36.337

 93, 66.286, 36.337

 0, 66.286, 36.337

 43, 66.286, 36.337

 43, 66.286, 36.337

 41, 74.745, 38.736

 46, 56.928, 33.952

 40, 81.183, 40.644

 49, 47.418, 31.923

40, 81.775, 40.891

53, 38.124, 30.318

57, 29.253, 29.096

62, 20.921, 28.187

67, 13.172, 27.517

72, 6.005, 27.002

76, 0.609, 207.637

82, 6.718, 206.630

Harmonies

Complementary

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



43, 66.286, 36.337



66, 34.417, 208.179

Rectangle

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



43, 66.286, 36.337



43, 66.286, 86.337



43, 66.286, 216.337



43, 66.286, 266.337

Sweetspot

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



43, 66.283, 36.339



82, 21.081, 27.850



46, 81.119, 330.359



41, 14.688, 28.105



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



43, 66.283, 36.339



52, 97.309, 40.030



57, 55.992, 71.174



37, 3.790, 27.018



33, 71.681, 40.830



3, 11.589, 24.392

Inverse Universe

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



66, 34.417, 208.179



82, 43.796, 210.151



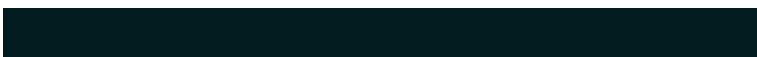
44, 50.973, 281.463



39, 3.569, 206.648



55, 31.743, 210.390



8, 10.465, 208.038

Previews

White Background



This preview shows how the CIELCh color 43, 66.286, 36.337 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 43, 66.286, 36.337 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 43, 66.286, 36.337

Background



This preview shows how black text looks on a background with the CIELCh color 43, 66.286, 36.337.



This preview shows how white text looks on a background with the CIELCh color 43, 66.286, 36.337.

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

43, 66.286, 36.337

Protanopia

43, 29.056, 96.460

Deuteranopia

43, 42.417, 82.015



Tritanopia
43, 63.353, 30.500

Trichromacy



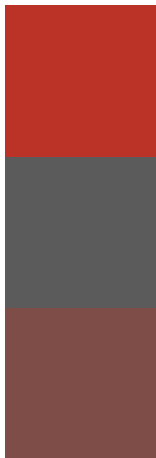
Original Color
43, 66.286, 36.337

Protanomaly
41, 35.945, 56.483

Deuteranomaly
42, 47.197, 57.225

Tritanomaly
43, 64.662, 32.770

Monochromacy



Original Color
43, 66.286, 36.337

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.232, 30.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 66.286, 36.337 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(187, 51, 39)` looks like.

```
.text, #text, p{  
    color:rgb(187, 51, 39)  
}
```

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(187, 51, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 51, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 66.286, 36.337 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(187, 51, 39) }
```

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

```
.border{ border-color:rgb(187, 51, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 51, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 51, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 51, 39);  
box-shadow:4px 4px 4px 4px rgb(187, 51,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 66.286, 36.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 51, 39) }
```

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

```
.background{ background-color: rgb(187, 51,  
39) }
```

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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