

Converting Colors

CIELCh(36, 36.421, 13.717)

Have a look what the booklet for
CIELCh(36, 36.421, 13.717) contains.

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Color

CIELCh(36, 36.069, 14.213)

Conversions

Conversions Part 1

Format	Color
Hex	8A3B48
RGB	138, 59, 72
RGB Percent	54%, 23%, 28%
CMY	0.4586, 0.7684, 0.7175
CMYK	0.00, 0.57, 0.48, 0.46
HSL	350°, 40%, 39%
HSV	350°, 57%, 54%
XYZ	13.2265, 9.0082, 7.1795
YIQ	84.1030, 42.9110, 20.7910

Conversions

Conversions Part 2

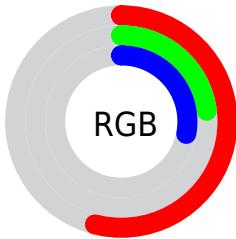
Format	Color
RYB	138, 59, 72
Decimal	9059144
CIELab	36.00, 34.96, 8.86
CIElCh	36, 36.069, 14.213
Yxy	9.0082, 0.4497, 0.3063
Android (android.graphics.Color)	4287249224 (0xFF8A3B48)
YUV	84.1030, -5.9668, 47.2677
Hunter-Lab	30.0136, 26.1382, 6.8269

Details

The CIELCh color **36, 36.069, 14.213** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53, 27.498, 180.704**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 36.391, 14.409**, and **16, 36.147, 14.090** is the 20% darker color. If you saturate the color by 10%, you get **33, 42.419, 17.010**, and if you desaturate by 10%, it is **39, 29.464, 11.995**.

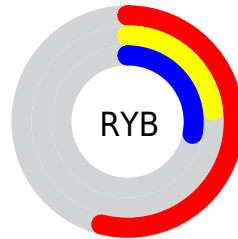
Distribution



Red (54%)

Green (23%)

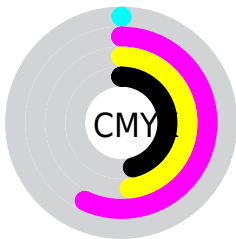
Blue (28%)



Red (54%)

Yellow (23%)

Blue (28%)

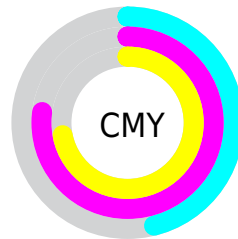


Cyan (0%)

Magenta (57%)

Yellow (48%)

Black (46%)



Cyan (46%)

Magenta (77%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 36.069, 14.213 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 36, 36.069, 14.213 by changing the saturation by 10% instead.

36, 36.069, 14.213

36, 36.069, 14.213

100, 36.069,
14.213

26, 36.069, 14.213

56, 36.069, 14.213

16, 36.069, 14.213

66, 36.069, 14.213

6, 36.069, 14.213

76, 36.069, 14.213

0, 36.069, 14.213

86, 36.069, 14.213

96, 36.069, 14.213

36, 36.069, 14.213

36, 36.069, 14.213

33, 42.419, 17.010

39, 29.464, 11.995

■ 31, 48.291, 20.506

■ 43, 22.828, 10.218

■ 29, 53.522, 24.755

■ 47, 16.327, 8.775

■ 28, 58.182, 29.461

■ 50, 10.068, 7.576

■ 28, 59.506, 30.632

■ 55, 4.110, 6.527

■ 59, 1.529, 186.038

■ 63, 6.849, 185.107

■ 67, 11.869,
184.444

■ 71, 16.611,
183.869

Harmonies

Complementary

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



36, 36.069, 14.213



53, 27.498, 180.704

Rectangle

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



36, 36.069, 14.213



36, 36.069, 64.213



36, 36.069, 194.213



36, 36.069, 244.213

Sweetspot

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



36, 36.067, 14.215



64, 12.259, 7.591



37, 52.025, 322.124



32, 8.205, 7.779



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



36, 36.067, 14.215



42, 53.605, 18.063



42, 30.912, 52.089



27, 3.219, 6.726



27, 57.677, 30.410



0, 1.458, 5.994

Inverse Universe

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



36, 36.067, 14.215



42, 53.605, 18.063



45, 21.951, 244.411



27, 3.219, 6.726



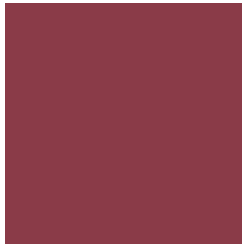
27, 57.677, 30.410



0, 1.458, 5.994

Previews

White Background



This preview shows how the CIELCh color 36, 36.069, 14.213 looks on a white background.

Color Contrast Check

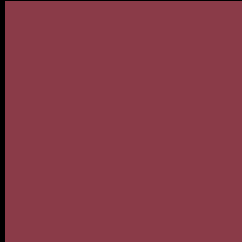
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 36.069, 14.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

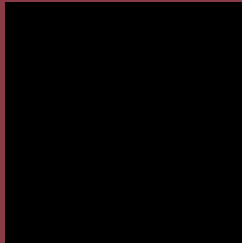
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 36.069, 14.213

Background



This preview shows how black text looks on a background with the CIELCh color 36, 36.069, 14.213.



This preview shows how white text looks on a background with the CIELCh color 36, 36.069, 14.213.

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

36, 36.069, 14.213

Protanopia

36, 1.063, 343.613

Deuteranopia

36, 11.824, 66.633



Tritanopia
36, 36.429, 22.521

Trichromacy



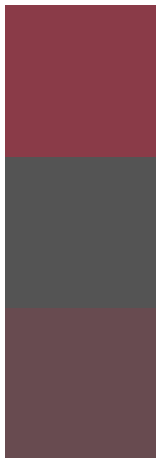
Original Color
36, 36.069, 14.213

Protanomaly
36, 13.678, 8.647

Deuteranomaly
36, 18.676, 31.542

Tritanomaly
36, 36.045, 19.690

Monochromacy



Original Color
36, 36.069, 14.213

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 13.265, 8.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 36.069, 14.213 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(138, 59, 72)` looks like.

```
.text, #text, p{  
    color:rgb(138, 59, 72)  
}
```

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(138, 59, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 59, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 36.069, 14.213 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(138, 59, 72) }
```

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

```
.border{ border-color:rgb(138, 59, 72) }
```

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

Here you see how a box with a 4 pixel rgb(138, 59, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 59, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 59, 72);  
box-shadow:4px 4px 4px 4px rgb(138, 59,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 36.069, 14.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 59, 72) }
```

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

```
.background{ background-color: rgb(138, 59,  
72) }
```

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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