

Converting Colors

CIELCh(42, 36.865, 5.780)

Have a look what the booklet for
CIELCh(42, 36.865, 5.780) contains.

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Color

CIELCh(42, 36.654, 6.338)

Conversions

Conversions Part 1

Format	Color
Hex	9B495E
RGB	155, 73, 94
RGB Percent	61%, 29%, 37%
CMY	0.3929, 0.7143, 0.6320
CMYK	0.00, 0.53, 0.39, 0.39
HSL	345°, 36%, 45%
HSV	345°, 53%, 61%
XYZ	17.8683, 12.5000, 12.0242
YIQ	99.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

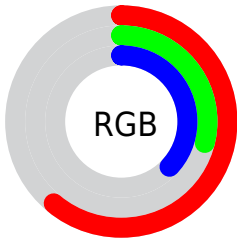
Format	Color
RYB	155, 73, 94
Decimal	10176862
CIELab	42.00, 36.43, 4.05
CIElCh	42, 36.654, 6.338
Yxy	12.5000, 0.4215, 0.2949
Android (android.graphics.Color)	4288366942 (0xFF9B495E)
YUV	99.9120, -2.9146, 48.3122
Hunter-Lab	35.3553, 28.3407, 4.5845

Details

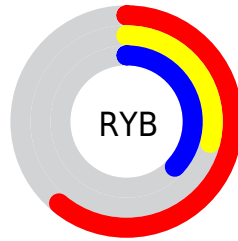
The CIELCh color $42, 36.654, 6.338$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $59, 30.490, 173.554$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 36.727, 6.429$, and $22, 36.642, 6.262$ is the 20% darker color. If you saturate the color by 10%, you get $39, 43.345, 8.810$, and if you desaturate by 10%, it is $46, 29.593, 4.362$.

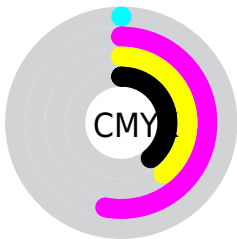
Distribution



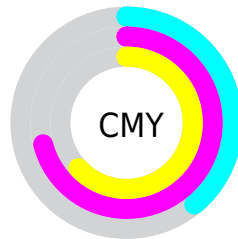
- Red (61%)
- Green (29%)
- Blue (37%)



- Red (61%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (39%)
- Black (39%)



- Cyan (39%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 36.654, 6.338 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, 36.654, 6.338 by changing the saturation by 10% instead.

 42, 36.654, 6.338  42, 36.654, 6.338

 100, 36.654, 6.338  32, 36.654, 6.338

 62, 36.654, 6.338  22, 36.654, 6.338

 72, 36.654, 6.338  12, 36.654, 6.338

 82, 36.654, 6.338  2, 36.654, 6.338

 92, 36.654, 6.338  0, 36.654, 6.338

 42, 36.654, 6.338  42, 36.654, 6.338

 39, 43.345, 8.810  46, 29.593, 4.362

 36, 49.381, 11.921  50, 22.430, 2.749

 34, 54.523, 15.823  54, 15.353, 1.406

■ 33, 58.710, 20.582

■ 58, 8.484, 0.255

■ 32, 61.477, 24.096

■ 63, 1.891, 359.116

■ 67, 4.399, 178.576

■ 72, 10.384,
177.772

■ 76, 16.074,
177.086

■ 81, 21.490,
176.474

Harmonies

Complementary

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



42, 36.654, 6.338



59, 30.490, 173.554

Rectangle

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



42, 36.654, 6.338



42, 36.654, 56.338



42, 36.654, 186.338



42, 36.654, 236.338

Sweetspot

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



42, 36.652, 6.340



72, 13.086, 0.626



41, 52.526, 318.910



37, 8.941, 0.842



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



42, 36.652, 6.340



50, 54.458, 9.464



46, 32.278, 42.855



30, 3.637, 359.856



29, 56.998, 23.552



1, 3.846, 359.376

Inverse Universe

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



42, 36.652, 6.340



50, 54.458, 9.464



53, 22.025, 228.216



30, 3.637, 359.856



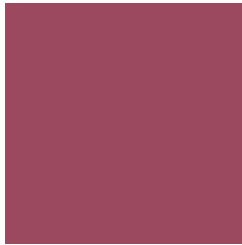
29, 56.998, 23.552



1, 3.846, 359.376

Previews

White Background



This preview shows how the CIELCh color 42, 36.654, 6.338 looks on a white background.

Color Contrast Check

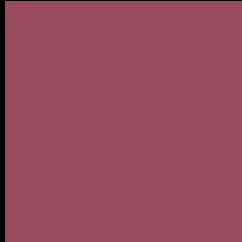
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 42, 36.654, 6.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

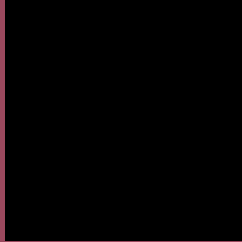
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 36.654, 6.338

Background



This preview shows how black text looks on a background with the CIELCh color 42, 36.654, 6.338.



This preview shows how white text looks on a background with the CIELCh color 42, 36.654, 6.338.

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, 36.654, 6.338

Protanopia

42, 6.042, 291.070

Deuteranopia

42, 8.300, 45.850



Tritanopia
42, 35.607, 19.634

Trichromacy



Original Color
42, 36.654, 6.338

Protanomaly
41, 15.111, 347.717

Deuteranomaly
42, 17.687, 16.168

Tritanomaly
42, 35.698, 14.194

Monochromacy



Original Color
42, 36.654, 6.338

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 13.665, 0.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 36.654, 6.338 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(155, 73, 94)` looks like.

```
.text, #text, p{  
    color:rgb(155, 73, 94)  
}
```

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(155, 73, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 73, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 36.654, 6.338 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(155, 73, 94) }
```

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

```
.border{ border-color:rgb(155, 73, 94) }
```

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

Here you see how a box with a 4 pixel rgb(155, 73, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 73, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 73, 94);  
box-shadow:4px 4px 4px 4px rgb(155, 73,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 36.654, 6.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 73, 94) }
```

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

```
.background{ background-color: rgb(155, 73,  
94) }
```

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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