

Converting Colors

CIELCh(42, 31.894, 6.090)

Have a look what the booklet for
CIELCh(42, 31.894, 6.090) contains.

CIELCh(42, 31.952, 5.466)	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(42, 31.952, 5.466)

Conversions

Conversions Part 1

Format	Color
Hex	944D5F
RGB	148, 77, 95
RGB Percent	58%, 30%, 37%
CMY	0.4184, 0.6970, 0.6264
CMYK	0.00, 0.48, 0.36, 0.42
HSL	345°, 31%, 44%
HSV	345°, 48%, 58%
XYZ	17.0170, 12.5000, 12.4051
YIQ	100.2810, 36.5380, 20.6500

Conversions

Conversions Part 2

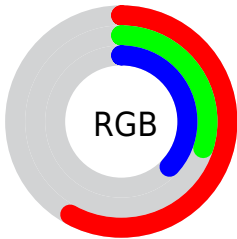
Format	Color
R_{YB}	148, 77, 95
Decimal	9719135
CIE _{Lab}	42.00, 31.81, 3.04
CIE _{LCh}	42, 31.952, 5.466
Yxy	12.5000, 0.4059, 0.2982
Android (android.graphics.Color)	4287909215 (0xFF944D5F)
YUV	100.2810, -2.6035, 41.8496
Hunter-Lab	35.3553, 24.0425, 3.9457

Details

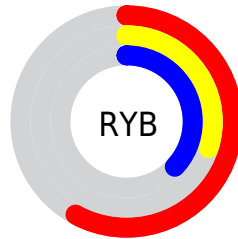
The CIELCh color **42, 31.952, 5.466** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 27.021, 174.431**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 31.742, 5.937**, and **22, 31.578, 5.553** is the 20% darker color. If you saturate the color by 10%, you get **39, 38.639, 7.660**, and if you desaturate by 10%, it is **46, 25.052, 3.697**.

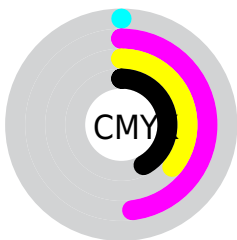
Distribution



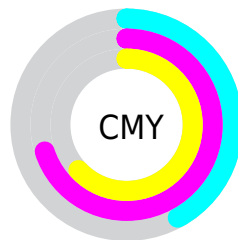
- Red (58%)
- Green (30%)
- Blue (37%)



- Red (58%)
- Yellow (30%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (36%)
- Black (42%)




- Cyan (42%)
- Magenta (70%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 31.952, 5.466 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, 31.952, 5.466 by changing the saturation by 10% instead.

 42, 31.952, 5.466	 42, 31.952, 5.466
 100, 31.952, 5.466	 32, 31.952, 5.466
 62, 31.952, 5.466	 22, 31.952, 5.466
 72, 31.952, 5.466	 12, 31.952, 5.466
 82, 31.952, 5.466	 2, 31.952, 5.466
 92, 31.952, 5.466	 0, 31.952, 5.466

 42, 31.952, 5.466	 42, 31.952, 5.466
 39, 38.639, 7.660	 46, 25.052, 3.697
 36, 44.850, 10.409	 50, 18.162, 2.238
 33, 50.314, 13.870	 54, 11.426, 1.007

■ 32, 54.870, 18.163

■ 58, 4.931, 359.921

■ 31, 58.723, 23.116

■ 62, 1.279, 179.409

■ 31, 59.575, 24.109

■ 67, 7.194, 178.361

■ 71, 12.817,
177.631

■ 76, 18.166,
176.988

■ 80, 23.261,
176.410

Harmonies

Complementary

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



42, 31.952, 5.466



57, 27.021, 174.431

Rectangle

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



42, 31.952, 5.466



42, 31.952, 55.466



42, 31.952, 185.466



42, 31.952, 235.466

Sweetspot

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



42, 31.950, 5.468



71, 11.033, 0.604



42, 46.070, 318.738



36, 7.627, 0.821



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



42, 31.950, 5.468



50, 47.310, 7.730



45, 27.622, 42.726



29, 3.531, 0.060



28, 56.291, 23.690



1, 3.027, 359.273

Inverse Universe

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



42, 31.950, 5.468



50, 47.310, 7.730



52, 19.717, 227.384



29, 3.531, 0.060



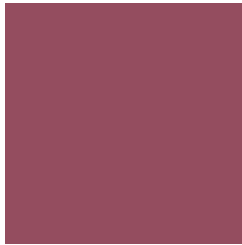
28, 56.291, 23.690



1, 3.027, 359.273

Previews

White Background



This preview shows how the CIELCh color 42, 31.952, 5.466 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, 31.952, 5.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

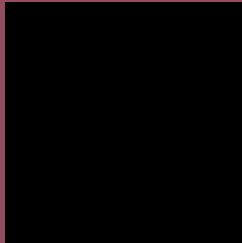
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 31.952, 5.466

Background



This preview shows how black text looks on a background with the CIELCh color 42, 31.952, 5.466.



This preview shows how white text looks on a background with the CIELCh color 42, 31.952, 5.466.

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, 31.952, 5.466

Protanopia

42, 5.438, 290.984

Deuteranopia

42, 7.368, 39.171



Tritanopia
42, 30.507, 17.641

Trichromacy



Original Color
42, 31.952, 5.466

Protanomaly
42, 13.062, 347.709

Deuteranomaly
42, 15.878, 13.050

Tritanomaly
42, 30.827, 12.375

Monochromacy



Original Color
42, 31.952, 5.466

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 11.825, 0.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 31.952, 5.466 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(148, 77, 95)` looks like.

```
.text, #text, p{  
    color:rgb(148, 77, 95)  
}
```

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(148, 77, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 77, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 31.952, 5.466 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(148, 77, 95) }
```

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

```
.border{ border-color:rgb(148, 77, 95) }
```

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

Here you see how a box with a 4 pixel rgb(148, 77, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 77, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 77, 95);  
box-shadow:4px 4px 4px 4px rgb(148, 77,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 31.952, 5.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 77, 95) }
```

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

```
.background{ background-color: rgb(148, 77,  
95) }
```

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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