

Converting Colors

CIELCh(38, 31.306, 354.289)

Have a look what the booklet for
CIELCh(38, 31.306, 354.289)
contains.

CIELCh(38, 31.095, 354.987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(38, 31.095, 354.987)

Conversions

Conversions Part 1

Format	Color
Hex	86455F
RGB	134, 69, 95
RGB Percent	53%, 27%, 37%
CMY	0.4757, 0.7305, 0.6285
CMYK	0.00, 0.49, 0.29, 0.48
HSL	336°, 32%, 40%
HSV	336°, 49%, 52%
XYZ	13.9486, 10.0881, 11.9742
YIQ	91.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

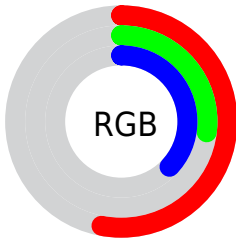
Format	Color
R_{YB}	134, 69, 95
Decimal	8799583
CIE _{Lab}	38.00, 30.98, -2.72
CIE _{LCh}	38, 31.095, 354.987
Yxy	10.0881, 0.3873, 0.2801
Android (android.graphics.Color)	4286989663 (0xFF86455F)
YUV	91.3990, 1.7753, 37.3611
Hunter-Lab	31.7617, 22.8078, -0.1192

Details

The CIELCh color **38, 31.095, 354.987** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 28.411, 164.386**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 31.078, 355.321**, and **18, 31.099, 355.104** is the 20% darker color. If you saturate the color by 10%, you get **35, 37.059, 356.806**, and if you desaturate by 10%, it is **41, 24.735, 353.482**.

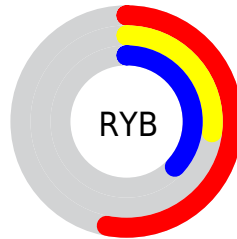
Distribution



Red (53%)

Green (27%)

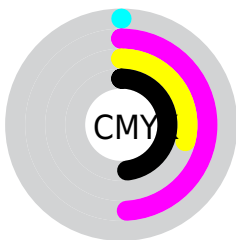
Blue (37%)



Red (53%)

Yellow (27%)

Blue (37%)

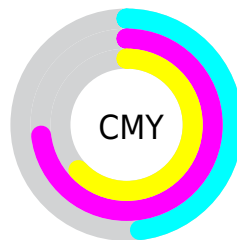


Cyan (0%)

Magenta (49%)

Yellow (29%)

Black (48%)



Cyan (48%)


Magenta (73%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 31.095, 354.987 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 38, 31.095, 354.987 by changing the saturation by 10% instead.


 38, 31.095,
354.987


 38, 31.095,
354.987

 100, 31.095,
354.987


 28, 31.095,
354.987

 58, 31.095,
354.987


 18, 31.095,
354.987


 68, 31.095,
354.987

 8, 31.095, 354.987

 78, 31.095,
354.987

 0, 31.095, 354.987

 88, 31.095,
354.987

 98, 31.095,
354.987

■ 38, 31.095,
354.987

■ 38, 31.095,
354.987

■ 35, 37.059,
356.806

■ 41, 24.735,
353.482

■ 32, 42.342,
359.045

■ 45, 18.220,
352.203

■ 30, 46.649, 1.851

■ 49, 11.718,
351.092

■ 29, 49.778, 5.384

■ 52, 5.338, 350.092

■ 28, 52.036, 9.551

■ 56, 0.855, 169.676

■ 28, 52.377, 10.125

■ 60, 6.831, 168.563

■ 64, 12.579,
167.836

■ 68, 18.102,
167.183

■ 72, 23.409,
166.585

Harmonies

Complementary

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



38, 31.095, 354.987



51, 28.411, 164.386

Rectangle

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



38, 31.095, 354.987



38, 31.095, 44.987



38, 31.095, 174.987



38, 31.095, 224.987

Sweetspot

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



38, 31.093, 354.989



64, 11.640, 350.758



36, 42.115, 314.050



32, 7.927, 350.940



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 31.093, 354.989



45, 45.309, 356.947



39, 28.460, 30.198



26, 3.483, 350.144



27, 51.330, 9.974



0, 0.823, 349.401

Inverse Universe

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



38, 31.093, 354.989



45, 45.309, 356.947



50, 19.924, 206.698



26, 3.483, 350.144



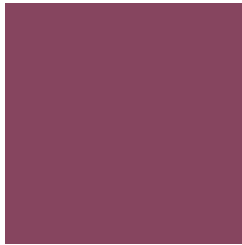
27, 51.330, 9.974



0, 0.823, 349.401

Previews

White Background



This preview shows how the CIELCh color 38, 31.095, 354.987 looks on a white background.

Color Contrast Check

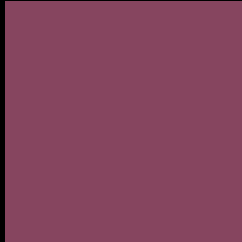
Large Text (above 18pt) WCAG AA ✓ Pass

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 38, 31.095, 354.987 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 38, 31.095, 354.987

Background



This preview shows how black text looks on a background with the CIELCh color 38, 31.095, 354.987.



This preview shows how white text looks on a background with the CIELCh color 38, 31.095, 354.987.

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

38, 31.095, 354.987

Protanopia

38, 11.716, 286.347

Deuteranopia

38, 5.607, 347.047



Tritanopia
38, 27.392, 17.774

Trichromacy



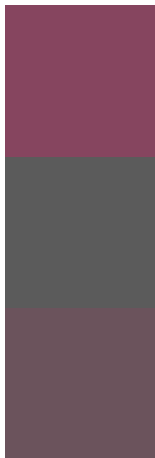
Original Color
38, 31.095, 354.987

Protanomaly
38, 15.552, 325.478

Deuteranomaly
38, 15.418, 350.851

Tritanomaly
38, 28.208, 9.634

Monochromacy



Original Color
38, 31.095, 354.987

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 11.664, 353.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 31.095, 354.987 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(134, 69, 95)` looks like.

```
.text, #text, p{  
    color:rgb(134, 69, 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(134, 69, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 69, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 31.095, 354.987 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(134, 69, 95) }
```

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

```
.border{ border-color:rgb(134, 69, 95) }
```

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

Here you see how a box with a 4 pixel rgb(134, 69, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 69, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 69, 95);  
box-shadow:4px 4px 4px 4px rgb(134, 69,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 31.095, 354.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 69, 95) }
```

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

```
.background{ background-color: rgb(134, 69,  
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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