

Converting Colors

CIELCh(38, 55.406, 40.986)

Have a look what the booklet for
CIELCh(38, 55.406, 40.986) contains.

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Color

CIELCh(38, 55.283, 41.184)

Conversions

Conversions Part 1

Format	Color
Hex	9E3720
RGB	158, 55, 32
RGB Percent	62%, 22%, 13%
CMY	0.3808, 0.7846, 0.8748
CMYK	0.00, 0.65, 0.80, 0.38
HSL	11°, 66%, 37%
HSV	11°, 80%, 62%
XYZ	15.7041, 10.0881, 2.4811
YIQ	83.1750, 68.7710, 14.6830

Conversions

Conversions Part 2

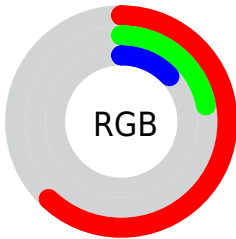
Format	Color
R _Y B	158, 60, 32
Decimal	10368800
CIE Lab	38.00, 41.61, 36.40
CIE LCh	38, 55.283, 41.184
Yxy	10.0881, 0.5554, 0.3568
Android (android.graphics.Color)	4288558880 (0xFF9E3720)
YUV	83.1750, -25.2293, 65.6215
Hunter-Lab	31.7617, 32.6736, 17.6018

Details

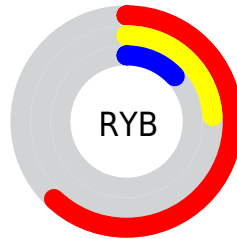
The CIELCh color **38, 55.283, 41.184** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **52, 28.644, 225.344**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 55.381, 41.293**, and **19, 49.207, 35.560** is the 20% darker color. If you saturate the color by 10%, you get **36, 62.860, 42.236**, and if you desaturate by 10%, it is **41, 47.164, 40.024**.

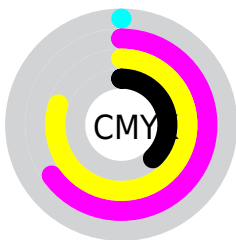
Distribution



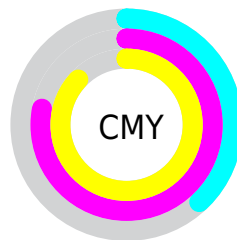
- Red (62%)
- Green (22%)
- Blue (13%)



- Red (62%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 55.283, 41.184 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, 55.283, 41.184 by changing the saturation by 10% instead.

■ 38, 55.283, 41.184

■ 38, 55.283, 41.184

■ 100, 55.283,
41.184

■ 28, 55.283, 41.184

■ 58, 55.283, 41.184

■ 18, 55.283, 41.184

■ 68, 55.283, 41.184

■ 8, 55.283, 41.184

■ 78, 55.283, 41.184

■ 0, 55.283, 41.184

■ 88, 55.283, 41.184

■ 98, 55.283, 41.184

■ 38, 55.283, 41.184

■ 38, 55.283, 41.184

■ 36, 62.860, 42.236

■ 41, 47.164, 40.024

34, 69.347, 43.151

43, 39.105, 39.028

34, 69.489, 43.183

47, 31.375, 38.279

50, 24.097, 37.770

54, 17.318, 37.466

57, 11.039, 37.324

61, 5.240, 37.283

65, 0.116, 221.432

69, 5.071, 217.749

Harmonies

Complementary

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



38, 55.283, 41.184



52, 28.644, 225.344

Rectangle

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



38, 55.283, 41.184



38, 55.283, 91.184



38, 55.283, 221.184



38, 55.283, 271.184

Sweetspot

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



38, 55.281, 41.187



71, 16.995, 37.374



38, 66.582, 334.512



36, 11.932, 37.427



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



38, 55.281, 41.187



46, 82.760, 42.575



52, 50.318, 80.117



31, 3.027, 37.281



31, 64.059, 43.090



1, 3.851, 36.402

Inverse Universe

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



52, 28.644, 225.344



64, 36.976, 230.664



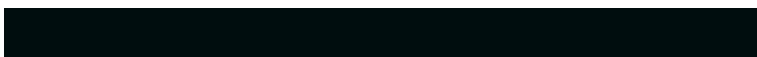
33, 52.713, 289.094



32, 2.859, 217.748



45, 28.320, 230.934



3, 3.765, 221.070

Previews

White Background



This preview shows how the CIELCh color 38, 55.283, 41.184 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 38, 55.283, 41.184 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, 55.283, 41.184

Background



This preview shows how black text looks on a background with the CIELCh color 38, 55.283, 41.184.



This preview shows how white text looks on a background with the CIELCh color 38, 55.283, 41.184.

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, 55.283, 41.184

Protanopia

38, 29.391, 96.797

Deuteranopia

38, 39.183, 82.701



Tritanopia
38, 50.013, 27.305

Trichromacy



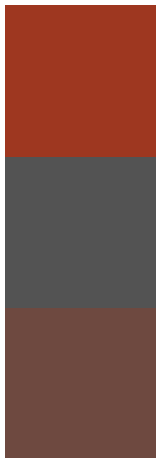
Original Color
38, 55.283, 41.184

Protanomaly
37, 33.602, 65.390

Deuteranomaly
38, 42.138, 62.802

Tritanomaly
38, 51.698, 32.630

Monochromacy



Original Color
38, 55.283, 41.184

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 18.731, 39.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 55.283, 41.184 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(158, 55, 32)` looks like.

```
.text, #text, p{  
    color:rgb(158, 55, 32)  
}
```

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(158, 55, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 55, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 55.283, 41.184 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(158, 55, 32) }
```

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

```
.border{ border-color:rgb(158, 55, 32) }
```

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

Here you see how a box with a 4 pixel rgb(158, 55, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 55, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 55, 32);  
box-shadow:4px 4px 4px 4px rgb(158, 55,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 55.283, 41.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 55, 32) }
```

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

```
.background{ background-color: rgb(158, 55,  
32) }
```

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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